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TECHNICAL MANUAL

**ORGANIZATIONAL, DIRECT SUPPORT,  
AND GENERAL SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LISTS  
(INCLUDING DEPOT MAINTENANCE REPAIR  
PARTS AND SPECIAL TOOLS)**

**FOR**

**AIR CONDITIONER, VERTICAL COMPACT  
18,000 BTU/HR, COOLING  
12,000 BTU/HR, HEATING  
208 VOLT, 3 PHASE, 400 HERTZ  
(HARVEY W. HOTTEL, MODEL CV-18-4-08)  
4120-01-089-4054**

This copy is a reprint which includes  
current pages from Change 1.

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**25 JUNE 1982**

CHANGE }  
 No. 1 }

HEADQUARTERS  
 DEPARTMENT OF THE ARMY  
 WASHINGTON, D.C., 21 March 1988

Organizational, Direct Support,  
 General Support Maintenance  
 Repair Parts and Special Tools Lists  
 (Including Depot Maintenance Repair Parts  
 and Special Tools)

AIR CONDITIONER, VERTICAL COMPACT  
 18,000 BTU/HR, COOLING, 12,000 BTU/HR, HEATING  
 208 VOLT, 3 PHASE, 400 HERTZ  
 (HARVEY W. HOTTEL, MODEL CV-18-4-08)  
 4120-01-089-4054

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Remove pages

i and ii  
 41 and 42  
 51 and 52  
 53 and 54

Insert pages

i and ii  
 41 and 42  
 51 and 52  
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TECHNICAL MANUAL }  
 No. 5-4120-344-24P }

HEADQUARTERS  
 DEPARTMENT OF THE ARMY  
 WASHINGTON, D.C., 25 June 1982

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 4120-01-089-4054

## REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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ORGANIZATIONAL, DIRECT SUPPORT, AND  
GENERAL SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST  
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)

Section I. INTRODUCTION

1. Scope.

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational, direct support, and general support maintenance of the air conditioner. It authorizes the requisitioning and issuance of spares and repair parts as indicated by the source and maintenance codes.

2. General.

This Repair Parts and Special Tools List is divided into the following sections:

a. Section II. Repair Parts List. A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in NSN sequence.

b. Section III. Special Tools List. A list of special tools, special TMDE, and other special support equipment authorized for the performance of maintenance (Not Applicable.)

c. Section IV. National Stock Number and Part Number Index. A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list in alphanumeric sequence of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance. This index is followed by a cross-reference list of reference designators to figure and item numbers.

3. Explanation of Columns.

a. Illustration. This column is divided as follows:

(1) Figure Number. Indicates the figure number of the illustration of which the item is shown.

(2) Item Number. The number used to identify item called out in the illustration.

b. Source, Maintenance, and Recoverability (SMR) Codes.

(1) Source Code. Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items.

Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	Definition
PA -	Item procured and stocked for anticipated or known usage.
PB -	Item procured and stocked for insurance purpose because essentiality dictates that a minimum quantity be available in the supply system.
PC -	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD -	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.
PE -	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
PF -	Support equipment which will not be stocked but which will be centrally procured on demand.
PG -	Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of probable discontinuance or shutdown of production facilities, would prove uneconomical to reproduce at a later time.
KD -	An item of a depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
KF -	An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or intermediate levels of maintenance.
KB -	Item included in both a depot overhaul/repair kit and a maintenance kit.
MO -	Item to be manufactured or fabricated at organizational level.
MF -	Item to be manufactured or fabricated at the direct support maintenance level.
MH -	Item to be manufactured or fabricated at the general support maintenance level.
MD -	Item to be manufactured or fabricated at the depot maintenance level.
AO -	Item to be assembled at organizational level.
AF -	Item to be assembled at direct support maintenance level.
AH -	Item to be assembled at general support maintenance level.
AD -	Item to be assembled at depot maintenance level.
XA -	Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
XB -	Item is not procured or stocked. If not available through salvage, requisition.
XC -	Installation drawing, diagram, instruction sheet, field service drawing, that is identified by manufacturer's part number.
XD -	A support item that is not stocked. When required, item will be procured through normal supply channels.

## NOTE

Cannibalization or salvage may be used as a source of supply for any items coded above except those coded XA and support items as restricted by AR 700-42.

(2) Maintenance Code. Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

Code	Application/Explanation
C	- Crew or operator maintenance performed within organizational maintenance.
O	- Support item is removed, replaced, used at the organizational level.
F	- Support item is removed, replaced, used at the direct support level.
H	- Support item is removed, replaced, used at the general support level.
D	- Support items that are removed, replaced, used at depot, mobile depot, or specialized repair activity only.

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes.

Code	Application/Explanation
O	- The lowest maintenance level capable of complete repair of the support item is the organizational level.
F	- The lowest maintenance level capable of complete repair of the support item is the direct support level.
H	- The lowest maintenance level capable of complete repair of the support item is the general support level.
D	- The lowest maintenance level capable of complete repair of the support item is the depot level.
L	- Repair restricted to designated, Specialized Repair Activity.
Z	- Nonreparable. No repair is authorized.

- B - No repair is authorized. The item may be reconditioned by adjusting, lubricating, etc., at the user level. No parts or special tools are procured for the maintenance of this item.

(3) Recoverability Code. Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

Recoverability Codes	Definition
Z -	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
O -	Reparable item. When uneconomically reparable, condemn and dispose at organizational level.
F -	Reparable item. When uneconomically reparable, condemn and dispose at the direct support level.
H -	Reparable item. When uneconomically reparable, condemn and dispose at the general support level.
D -	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.
L -	Reparable item. Repair, condemnation, and disposal not authorized below depot/specialized repair activity level.
A -	Item requires special handling or condemnation procedures because of specific reasons (i.e., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

c. National Stock Number. Indicates the National stock number assigned to the item and which will be used for requisitioning.

d. Part Number. Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

#### NOTE

When a stock numbered item is requisitioned, the item received may have a different part number than the part being replaced.

e. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-42; which is used to identify the manufacturer, distributor, or Government agency, etc.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the items. Items that are included in kits and sets are listed below the name of the kit or set with the quantity of each item in the kit or set indicated in the quantity incorporated in unit column.



g. Unit of Measure (U/MO. Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e. g., ea, in, pr, etc). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

h. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breadout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that no specific quantity is applicable, (e.g., shims, spacers, etc).

#### 4. Special Information.

a. Detailed manufacturing instructions for items source coded to be manufactured or fabricated are found in TM 5-4120-344-14. Bulk materials required to manufacture items are listed in the Bulk Material Group of this manual.

b. Detailed assembly instructions for items source coded to be assembled are found in TM 5-4120-344-14. Assembly components are listed immediately following the item to be assembled.

c. Repair parts kits and gasket sets appear as the last entries the repair parts listing for the figure in which its parts are list as repair parts.

d. The following publication pertains to the air conditioner and its components.

TM 5-4120-344-14	Operator's, Organizational Maintenance, Direct Support and General Support Maintenance Manual.
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e. In the parts list, some items are indented to shown that they are a component or components of the item under which they are indented.

#### 5. How to Locate Repair Parts.

a. When National Stock Number or Part Number is Unknown:

(1) First. Using the table of contents determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups, and listings are divided into the same groups.

(2) Second. Find the illustration covering the functional group to which the item belongs.

(3) Third. Identify the item on the illustration and note the illustration figure and item number of the item.

(4). Fourth. Using the Repair Parts Listing, find the figure and item number noted on the illustration.

b. When National Stock Number of Part Number is Known:

(1) First. Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphanumeric sequence, cross-referenced to the illustration figure number and item number.

(2) Second. After finding the figure and item number, locate the figure and item number in the repair parts list.



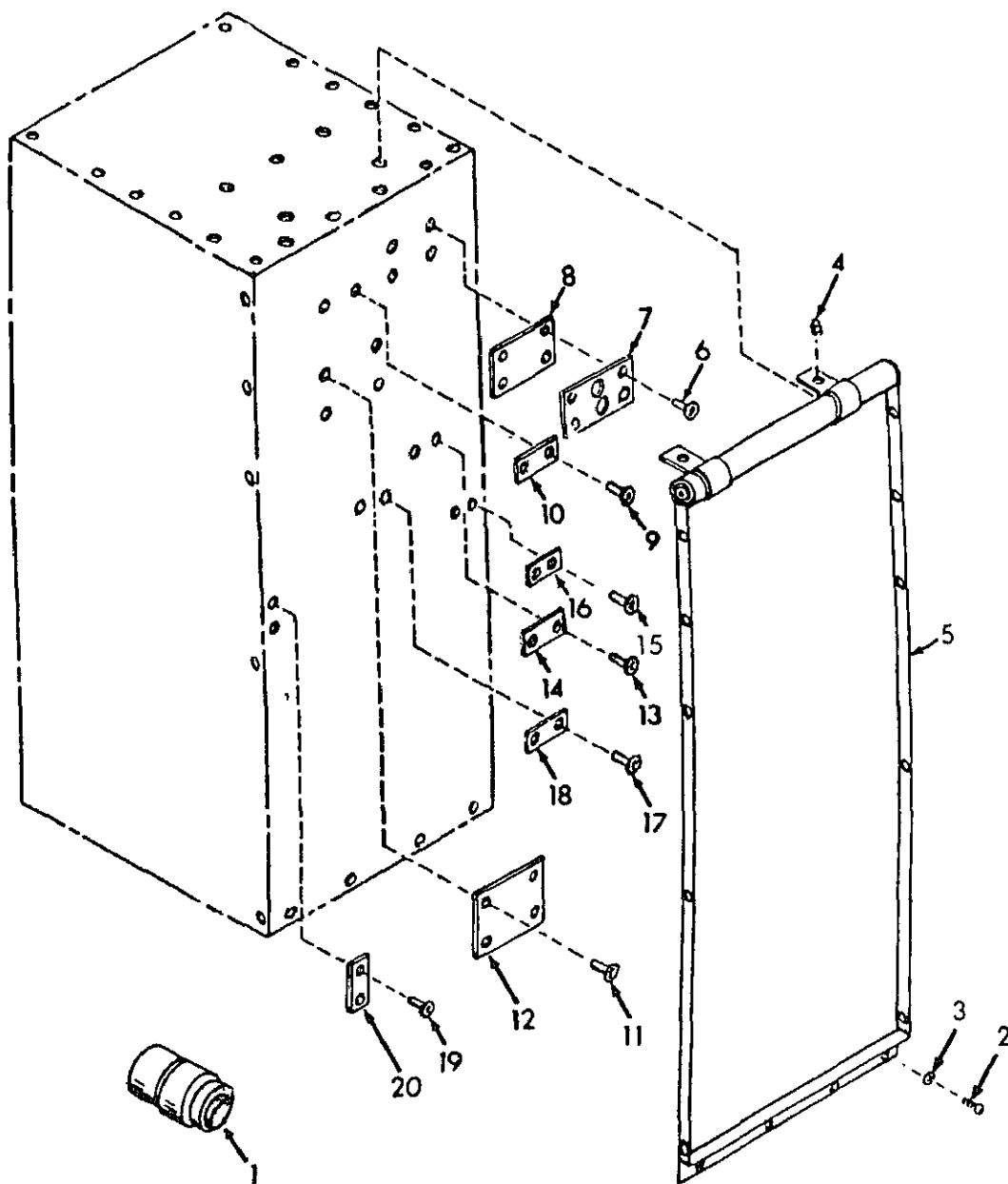


Figure 1. Connector, Cover and Instruction Plates

(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
(a) FIG NO	(b) ITEM NO							
GROUP 01 CASING AND RELATED PARTS								
1	1	PA0ZZ	5935-00-846-2328	96906	MS3106R22-225	CONNECTOR, PLUG, ELECTRIC.....	EA	1
1	2	PA0ZZ	5305-00-984-6193	96906	MS35206-245	SCREW, MACHINE.....	EA	18
1	3	PA0ZZ	5310-00-765-3197	96906	MS27183-41	WASHER, FLAT.....	EA	18
1	4	PA0ZZ	5325-00-990-4249	97403	13214E3647-2	STUD, TURNBUTON FASTENER.....	EA	2
1	5	PA0ZZ	4130-01-051-7426	57403	13217E2346	COVER, AIR CONDITIONER.....	EA	1
1	6	PA0ZZ	5320-00-845-9501	96906	MS2060084W4	RIVET, BLIND.....	EA	4
1	7	XB0ZZ	9905-00-165-7472	97403	13215E9847	PLATE, INSTRUCTION.....	EA	1
1	8	MO0DZ		97403	13215E9852	GASKET, MFD. FROM MIL-R-900, .030 STOCK X 3.69 X 2.50.....	EA	1
1	9	PA0ZZ	5320-00-845-9501	96906	MS2060084W4	RIVET, BLIND.....	EA	2
1	10	XB0ZZ		97450	13215E9844	PLATE, INFORMATION.....	EA	1
1	11	PA0ZZ	5320-00-117-6828	96906	MS20470AD4-6	RIVET, SOLID.....	EA	12
1	12	XB0ZZ		81349	MIL-P-514	PLATE, IDENTIFICATION.....	EA	1
1	13	PA0ZZ	5320-00-845-9501	96906	MS2060084W4	RIVET, BLIND.....	EA	2
1	14	XB0ZZ	9905-00-165-7474	97403	13211E8215	PLATE, INSTRUCTION.....	EA	1
1	15	PA0ZZ	5320-00-845-9501	96906	MS2060084W4	RIVET, BLIND.....	EA	2
1	16	XB0ZZ		97450	13215E9917	PLATE, INSTRUCTION.....	EA	1
1	17	PA0ZZ	5320-00-845-9501	96906	MS2060084W4	RIVET, BLIND.....	EA	2
1	18	XB0ZZ		97450	13211E8215	PLATE, FAH.....	EA	1
1	19	PA0ZZ	5320-00-845-9501	96906	MS2060084W4	RIVET, BLIND.....	EA	2
1	20	XB0ZZ	9905-01-055-6368	97403	13220E5617	PLATE, INSTRUCTION.....	EA	1

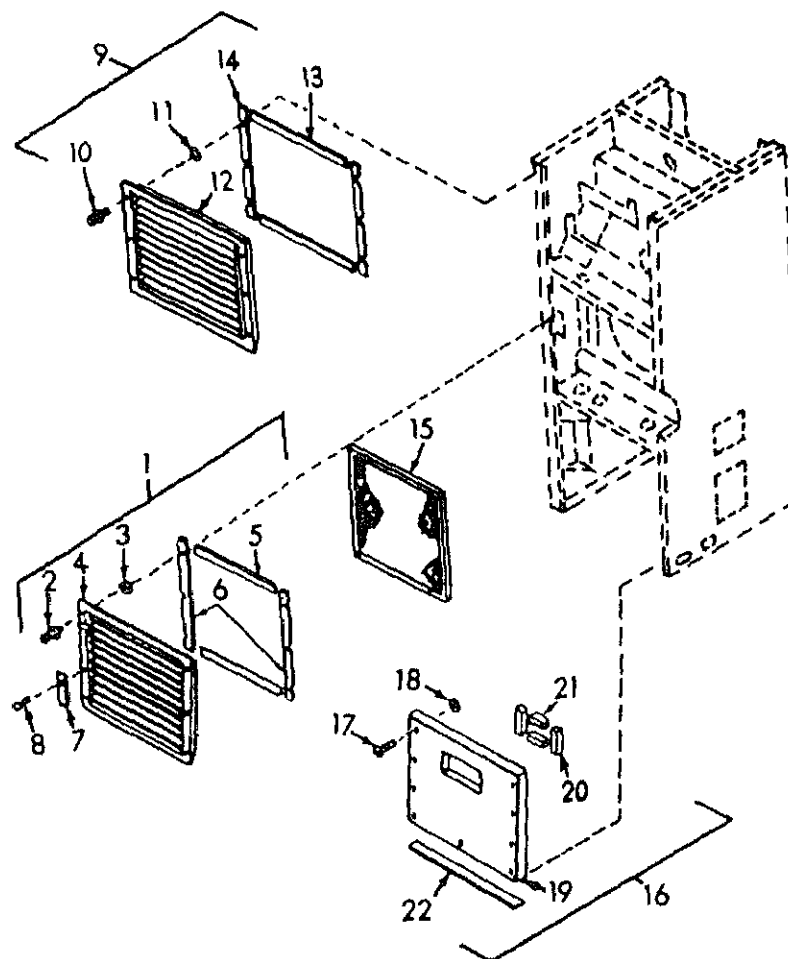
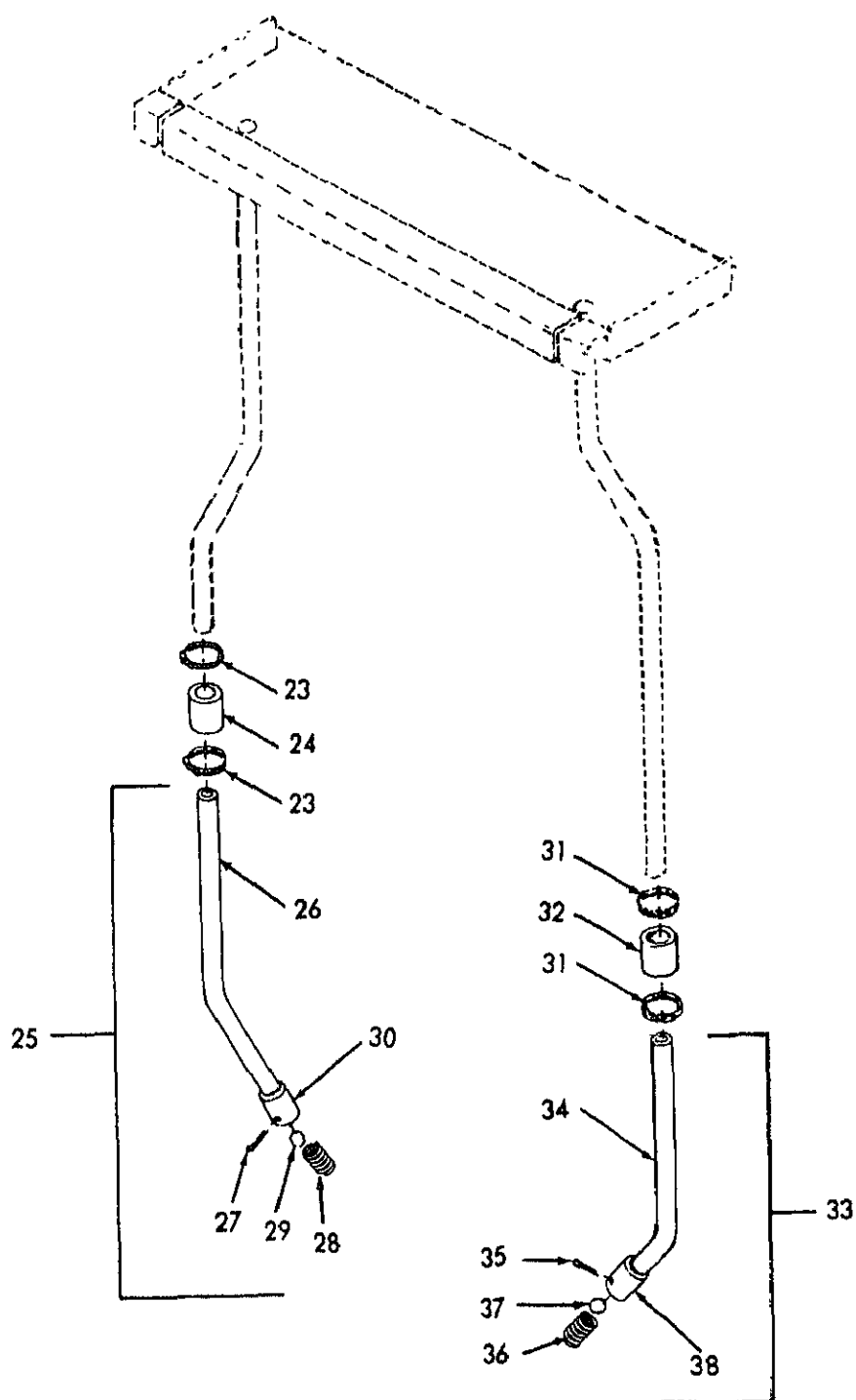


Figure 2. Casing, Panels, Grilles, Filter and Drain Tubes  
(Sheet 1 of 5)



re 2. Casing, Panels, Grilles, Filter and Drain Tubes  
(Sheet 2 of 5)

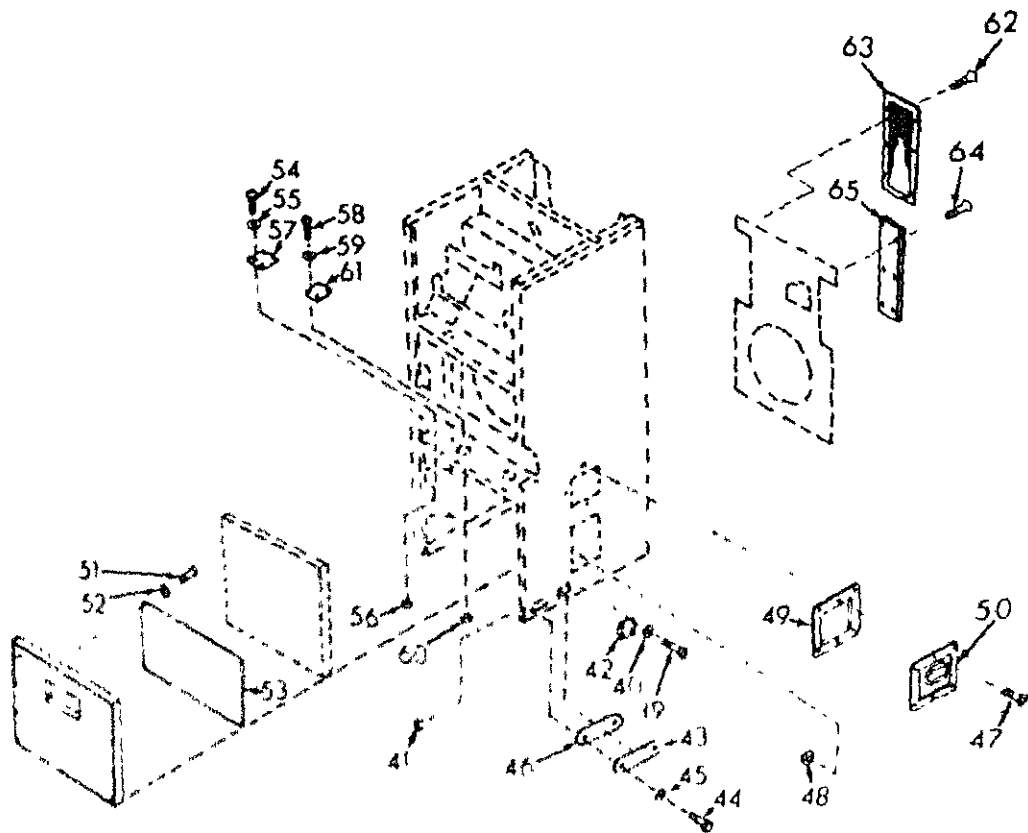


Figure 2. Lasing, Panels, Grilles, Filter and Drain Tubes  
(Sheet 3 of 5)



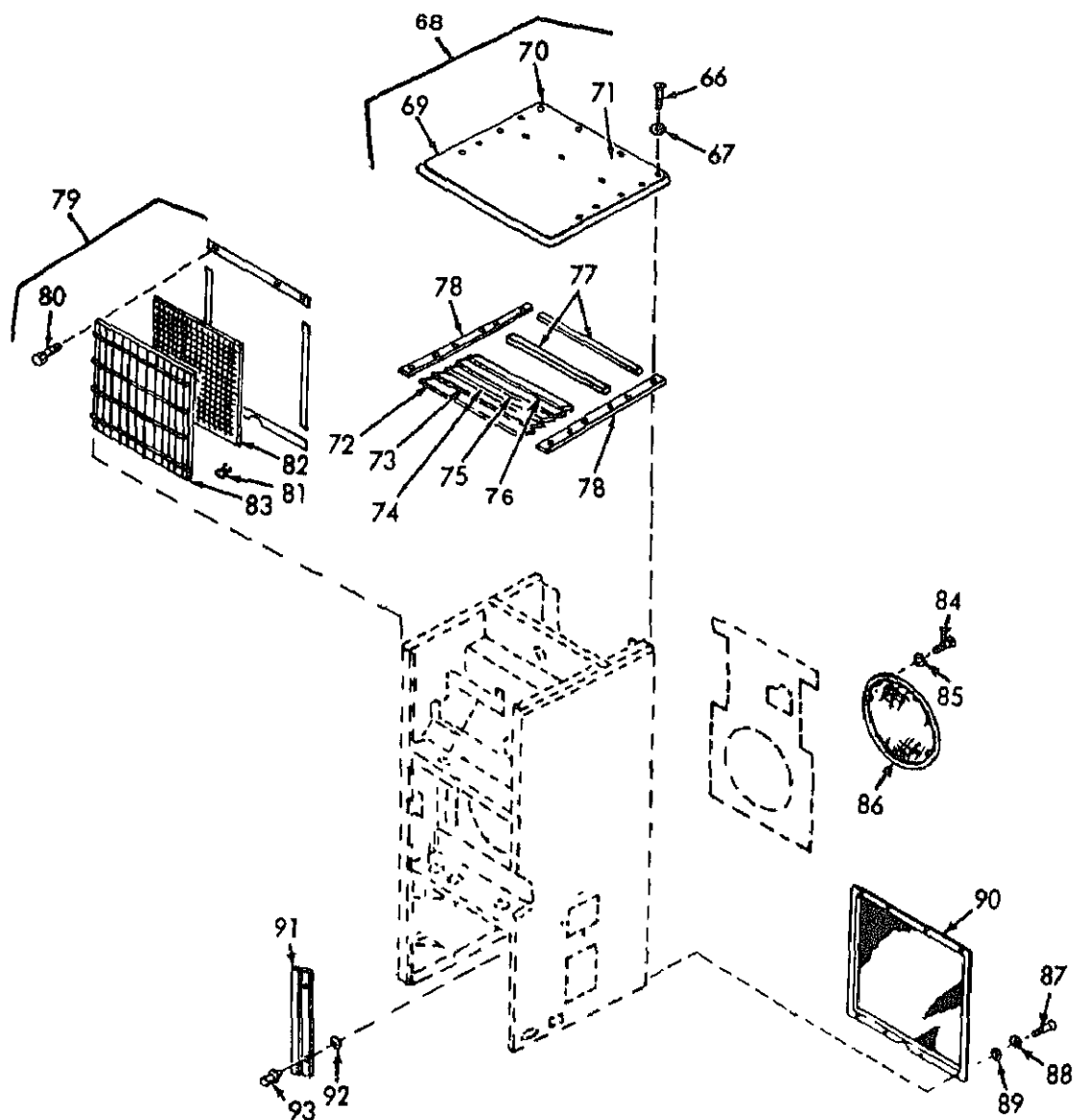


Figure 2. Casing, Panels, Grilles, Filter and Drain Tubes  
(Sheet 4 of 5)

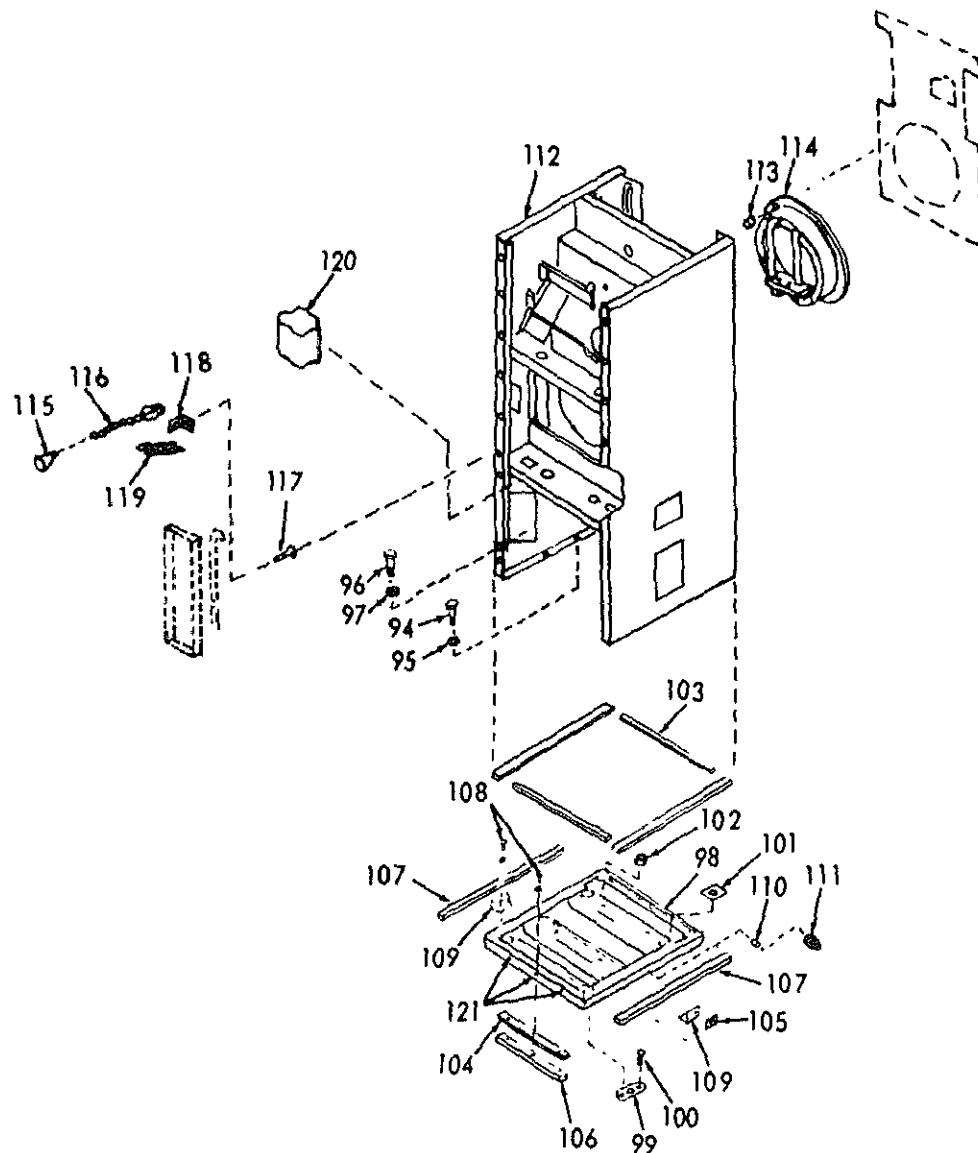


Figure 2. Casing, Panels, Grilles, Filter and Drain Tubes  
(Sheet 5 of 5)

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCN	(5) PART NUMBER	(6) DESCRIPTION  USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO	(b) ITEM NO							
2	1	XB00Z	4130-01-047-8362	97403	13215E9854	LOUVER, METAL.....	EA	1
2	2	PA0ZZ	5325-00-938-5913	97403	13215E9909-17	.STUD ASSEMBLY, TURNLOCK.....	EA	6
2	3	PA0ZZ	5310-00-530-9963	97403	13211E8385	.WASHER, SPLIT.....	EA	6
2	4	XB0ZZ		97403	13211E8210	.GRILL, INTAKE.....	EA	1
2	5	M0000		97403	13215E9854/2	.GASKET, RUBBER, MFD. FROM: RUBBER, CELLULAR, HT L-R- 6130, TYPE II, GRADE A, .250 STK.....	EA	8
2	6	M0000		97403	13215E9854/3	.GASKET, RUBBER, MFD. FROM: RUBBER, CELLULAR, HT L-R- 6130, TYPE II, GRADE A, .125 STK.....	EA	2
2	7	XB0ZZ	9905-01-053-5362	97403	13217E2344	.PLATE, INSTRUCTION.....	EA	1
2	8	PA0ZZ	5320-00-117-6942	96906	MS20426AD3/8	.RIVET, SLID.....	EA	2
2	9	XB00Z	4120-01-054-6534	97403	13215E9857	LOUVER, METAL.....	EA	1
2	10	PA0ZZ	5325-00-938-5913	97403	13215E9909-17	.STUD ASSEMBLY, TURNLOCK.....	EA	6
2	11	PA0ZZ	5310-00-530-9963	97403	13211E8385	.WASHER, SPLIT.....	EA	6
2	12	XB0ZZ		97403	13217F6853	.GRILLE, DISCHARGE.....	EA	1
2	13	M0000		97403	13215E985712	.GASKET, RUBBER, MFD. FROM: RUBBER, CELLULAR, HT L-R- 6130, TYPE II, GRADE A, .250 STK.....	EA	4
2	14	M0000		97403	13215E9857/3	.GASKET, RUBBER, MFD. FROM: RUBBER, CELLULAR, HT L-R- 6130, TYPE II, GRADE A, .125 STK.....	EA	2
2	15	PA0ZZ	4130-00-981-6615	97403	13211E8224	FILTER ELEMENT, AIR.....	EA	1
2	16	XB00Z	4130-01-108-0773	97403	13215E9873	PANEL, LOWER.....	EA	1
2	17	PA0ZZ	5305-00-163-8349	97403	13214E3744V34	.SCREW, PANEL FSTNR.....	EA	8
2	18	PA0ZZ	5310-00-880-9344	97403	13211E8337	.WASHER, LOCK.....	EA	2
2	19	XB0ZZ		97403	13215F9873-1	.PANEL, LOWER.....	EA	1
2	20	M0000		97403	13218E9879-2	.GASKET, RFI, A LENGTH OF 2.69 INCHES REQUIRED: USE PART NUMBER 01-0401-0888.....	EA	2
2	21	M0000		97403	13218E9879-2	.GASKET, RFI, A LENGTH OF 6.12 INCHES REQUIRED: USE PART NUMBER 01-0401-0888.....	EA	2
2	22	M0000		97403	13218E9879-2	.GASKET, RFI, A LENGTH OF 14.86 REQUIRED: USE PART NUMBER 01-0401-0888.....	EA	1
2	23	PA0ZZ	4730-00-908-3195	96906	MS35842-10	CLAMP, HOSE.....	EA	2
2	24	M0000		97403	13211E8323	HOSE, DRAIN, MFD. FROM HEATER HOSE, SAE 2 OR 3, CLASS 1R, GRADE 1A.....	EA	2
2	25	XB000		97403	13219E2682	DRAIN CONNECTIONS.....	EA	1
2	26	XB0ZZ		97403	13219E2682-1	.TUBE.....	EA	1
2	27	PA0ZZ	5315-00-234-1856	96906	MS24665-155	.PIN, CUTTER.....	EA	1
2	28	PA0ZZ	5360-00-240-6526	97403	13211E8412	.SPRING, HELICAL, COMPRESSION.....	EA	1
2	29	PA0ZZ	3110-00-136-2696	97403	13211E8411	.BALL BEARING.....	EA	1
2	30	XB0ZZ		97403	13211F8410	.SEAT, BALL CHECK.....	EA	1
2	31	PA0ZZ	4730-00-908-3195	96906	MS35842-10	CLAMP, HOSE.....	EA	2
2	32	M0000		97403	13211E8323	HOSE, DRAIN, MFD. FROM HEATER HOSE, SAE 2 OR 3, CLASS 1R, GRADE 1A.....	EA	1
2	33	XB000		97403	13219E2681	DRAIN CONNECTION.....	EA	1
2	34	XB0ZZ		97403	13219E2681-1	.TUBE.....	EA	1
2	35	PA0ZZ	5315-00-234-1856	96906	MS24665-155	.PIN, CUTTER.....	EA	1
2	36	PA0ZZ	5360-00-240-6526	97403	13211E8412	.SPRING, HELICAL, COMPRESSION.....	EA	1

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	USABLE ON CODE	QTY (INC IN UNIT
2	37	PAQZ	3110-00-136-2696	97403	13211E8411	. BALL BEARING.....	EA	1
2	38	XBDZ		97403	13211E8410	. SEAT, BALL CHECK.....	EA	1
2	39	PAQZ	5305-00-889-2999	96906	MS35206-217	SCREW, MACHINE.....	EA	16
2	40	PAQZ	5310-00-543-2410	96906	MS35338-40	WASHER, LOCK.....	EA	16
2	41	PAQZ	5310-00-934-9739	96906	MS35649-242	NUT, PLAIN, HEXAGON.....	EA	16
2	42	XBDZ		97403	13214E3471-5	COVER, RECEPTACLE.....	EA	3
2	43	XBDZ		97403	13217E2343	PANEL, ACCESS.....	EA	1
2	44	PAQZ	5325-00-954-3832	97403	13215E9909-10	. STUD ASSEMBLY, TURNLOCK.....	EA	2
2	45	PAQZ	5310-00-530-9963	97403	13211E8186	. WASHER, SPLIT.....	EA	2
2	46	MOOZ		97403	13217E2343/4	. GASKET, RUBBER, MFG FROM: ASTM-D1056-C1, SBE-42-CF2 X .125 STK MIN 3.5X2.5 REQ.....	EA	1
2	47	PAQZ	5305-00-984-7341	96906	MS35191-273	SCREW, MACHINE.....	EA	12
2	48	PAQZ	5310-00-877-5798	96906	MS2104403	NUT, SELF-LOCKING, HEXAGON.....	EA	22
2	49	XBDZ		97403	13215E9832	ENCLOSURE.....	EA	2
2	50	XBDZ	5340-01-094-4587	96906	MS35792-1	HANDLE, PAIR.....	EA	2
2	51	PAQZ	5320-00-117-6828	96906	MS20470AD4-6	RIVET, SOL ID.....	EA	8
2	52	PAQZ	5310-00-950-1210	96906	MS27183-4	WASHER, FLAT.....	EA	8
2	53	XBDZ		97403	13215E9878-3	PLATE, WIRING DIAGRAM.....	EA	1
2	54	PAQZ	5305-00-808-7834	96906	MS24693-54	SCREW, MACHINE.....	EA	8
2	55	PAQZ	5310-00-543-2410	96906	MS35338-40	WASHER, LOCK.....	EA	8
2	56	PAQZ	5310-00-934-9739	96906	MS35649-242	NUT, PLAIN, HEXAGON.....	EA	8
2	57	XBDZ		97403	13214E3471-5	COVER, RECEPTACLE.....	EA	1
2	58	PAQZ	5305-00-808-7834	96906	MS24693-54	SCREW, MACHINE.....	EA	4
2	59	PAQZ	5310-00-543-2410	96906	MS35338-40	WASHER, LOCK.....	EA	4
2	60	PAQZ	5310-00-934-9739	96906	MS35649-242	NUT, PLAIN, HEXAGON.....	EA	4
2	61	XBDZ		97403	13214E3471-3	COVER.....	EA	1
2	62	PAQZ	5305-00-984-6193	96906	MS35206-246	SCREW, MACHINE.....	EA	0
2	63	PAQZ	6130-00-357-0619	97403	13215E9858	SCREEN, FRESH AIR.....	EA	1
2	64	PAQZ	5305-00-984-6195	96906	MS35206-247	SCREW, MACHINE.....	EA	5
2	65	PAQZ		97403	13215E9858	COVER, CAR COY.....	EA	1
2	66	PAQZ	5305-00-984-6193	96906	MS35206-246	SCREW, MACHINE.....	EA	19
2	67	PAQZ	5310-00-170-0127	80205	MS1473C2AF	PACKING, PREFORMED.....	EA	19
2	68	XBDZ		97403	13217E0852	PANEL, T. P.....	EA	1
2	69	XBDZ		97403	13215E9892/1	. PANEL, T. P.....	EA	1
2	70	PAQZ	5310-00-143-4203	80205	MS1473C2AF	NUT, PLAIN, BLIND RIVET.....	EA	4
2	71	PAQZ	5310-00-877-4488	80205	MS1473C2AF	NUT, PLAIN, BLIND RIVET.....	EA	2
2	72	MOOZ		97403	13215E9892/4	. INSULATION, PLASTIC, MFG FROM MIL-I-14511 PLASTIC .250 IN THK.....	EA	4
2	73	MOOZ		97403	13215E9892/5	. INSULATION, PLASTIC, MFG FROM MIL-I-14511 PLASTIC .500 IN THK.....	EA	1
2	74	PAQZ	5305-01-118-3786	97403	13218E9878-3	. GASKET, RFI.....	EA	1

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
2	75	H0000		97403	13215E9892-2	INSULATION, PLASTIC, WFD. FROM MIL-1-14511 PLASTIC, .500 IN THK	EA	1
2	76	H0000		97403	13215E9892-1/3	INSULATION, PLASTIC, WFD. FROM MIL-1-14511 PLASTIC, .25 IN THK.	EA	1
2	77	PA0ZZ	5999-00-172-8273	97403	13218E9997-1	.SHIELDING GASKET, ELECTRICAL.....	EA	2
2	78	PA0ZZ	5999-00-172-8273	97403	13218E9997-1	SHIELDING GASKET, ELECTRICAL.....	EA	2
2	79	PA007	4130-01-011-1217	97403	13219E2647	FILTERING PAD, AIR CONDITIONER.....	EA	1
2	80	PA0ZZ	5320-00-874-4477	97403	13214E3791-2	.RIVET, BLIND.....	EA	2
2	81	XB0ZZ	9525-01-031-1086	96906	MS20995AB32	.WIRE, NONELECTRICAL.....	EA	5
2	82	XB0ZZ		97403	13211E8327-2	.PAD.....	EA	1
2	83	H00ZZ		97403	13219E2647-3	.WIRE, FABRIC, INDUSTRIAL, WFD. FROM WIRE, FABRIC, RP-W-360, TYPE 1, CLASS I, 4 X 4 MESH, .047 O.....	EA	2
2	84	PA0ZZ	5305-00-984-6195	96906	MS35206-247	SCREW, MACHINE.....	EA	8
2	85	PA0ZZ	5310-00-045-3299	96906	MS35338-42	WASHER, LOCK.....	EA	16
2	86	XB0ZZ	4130-00-764-9206	97403	13211E8183	GUARD, FAN.....	EA	1
2	87	PA0ZZ	5305-00-984-6196	96906	MS35206-248	SCREW, MACHINE.....	EA	8
2	88	PA0ZZ	5310-00-045-3299	96906	MS35338-42	WASHER, LOCK.....	EA	8
2	89	PA0ZZ	5310-00-765-3197	96906	MS27183-41	WASHER, FLAT.....	EA	8
2	90	XB0ZZ		97403	13215E9867	GUARD, CONDENSER.....	EA	1
2	91	XB00Z	4130-00-357-0520	97403	13215E9823	RETAINER, AIR FILTER.....	EA	1
2	92	PA0ZZ	5310-00-530-9963	97403	13211E8386	.WASHER, SPLIT.....	EA	2
2	93	PA0ZZ	5325-00-724-7655	97403	13215E9905-5	.STUD ASSEMBLY, TURNLOCK.....	EA	2
2	94	PA0ZZ	5305-00-267-8953	96906	MS90727-5	SCREW, CAP, HEXAGON HEAD.....	EA	6
2	95	PA0ZZ	5310-00-543-2009	96906	MS15795-710	WASHER, FLAT.....	EA	6
2	96	PA0ZZ	5305-00-068-0514	96906	MS90727-7	SCREW, CAP, HEXAGON HEAD.....	EA	2
2	97	PA0ZZ	5310-00-187-2354	81352	AN960PD416	WASHER, FLAT.....	EA	2
2	98	XB000		97403	13215E9865	PANEL, BOTTOM.....	EA	1
2	99	PA0ZZ	5310-00-777-5793	80205	NAS1031-A4	.NUT, SELF-LOCKING, PLATE.....	EA	8
2	100	PA0ZZ	5320-00-117-6938	96906	MS20426AD3-4	.RIVET, SOLID.....	EA	16
2	101	PA0ZZ	5310-01-119-9346	97403	13211E3895-14	.NUT, CLINCH.....	EA	4
2	102	PA0ZZ	5310-00-481-6295	80205	NAS1329S08K8120	.NUT, PLAIN, BLIND RIVET.....	EA	6
2	103	PA0ZZ	5999-00-172-8273	97403	13218E9997-1	.SHIELDING GASKET, ELECTRICAL.....	EA	2
2	104	XB0ZZ		97403	13219E2661	SHIP, LAMINATED.....	EA	V
2	105	XB0ZZ		97403	13219E2662	SHIP, LAMINATED.....	EA	V
2	106	XB0ZZ		97403	13219E2655	BAR, FILLER.....	EA	1
2	107	XB0ZZ		97403	13219E2656	BRACE.....	EA	1
2	108	PA0ZZ	5305-00-993-1848	96906	MS35707-265	SCREW, MACHINE.....	EA	4
2	109	XB0ZZ		97403	13219E2654	ANGLE.....	EA	2
2	110	XB0ZZ		97403	13211E8177	CONNECTION, DRAIN.....	EA	4
2	111	XB0ZZ	4730-00-959-2329	96906	MS49005-7	PLUG, PIPE.....	EA	4
2	112	XB000		97403	13215E9825-1	CASING.....	EA	1
2	113	PA0ZZ	5310-01-021-3448	96906	MS27130-A14K	.NUT, PLAIN, BLIND RIVET.....	EA	4

TM 5-4120 344 24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO	(B) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U/M	QTY WH IN UNIT
2	114	XBH2Z	4130-00-889-9283	97403	13211E8319	. MOTOR SUPPORT AND CONE.....	E A	1
2	115	PAQZZ	4130-00-922-2439	97403	13211E8335	PENDANT WITH SLEEVE.....	E A	1
2	116	PAQZZ	4130-00-106-5657	97403	13211E8322	CHAIN ASSEMBLY, AIR.....	E A	1
2	117	XBDZZ		96906	MS20600A043	RIVET, BLIND.....	E A	252
2	118	XBFZZ	5340-00-302-1415	97403	13211E8191	HINGE, BUTT.....	E A	1
2	119	PAQZZ	5360-00-517-4500	96906	MS24586-C60	SPRING, HELICAL, EXTENSION.....	E A	1
2	120	XBDZZ		78553	C22146-017-1	CLIP, SPRING.....	E A	2
2	121	PAQZZ	5310-00-958-5321	96906	MS27130-526K	.NUT, PLAIN, BLIND RIVET.....	E A	3



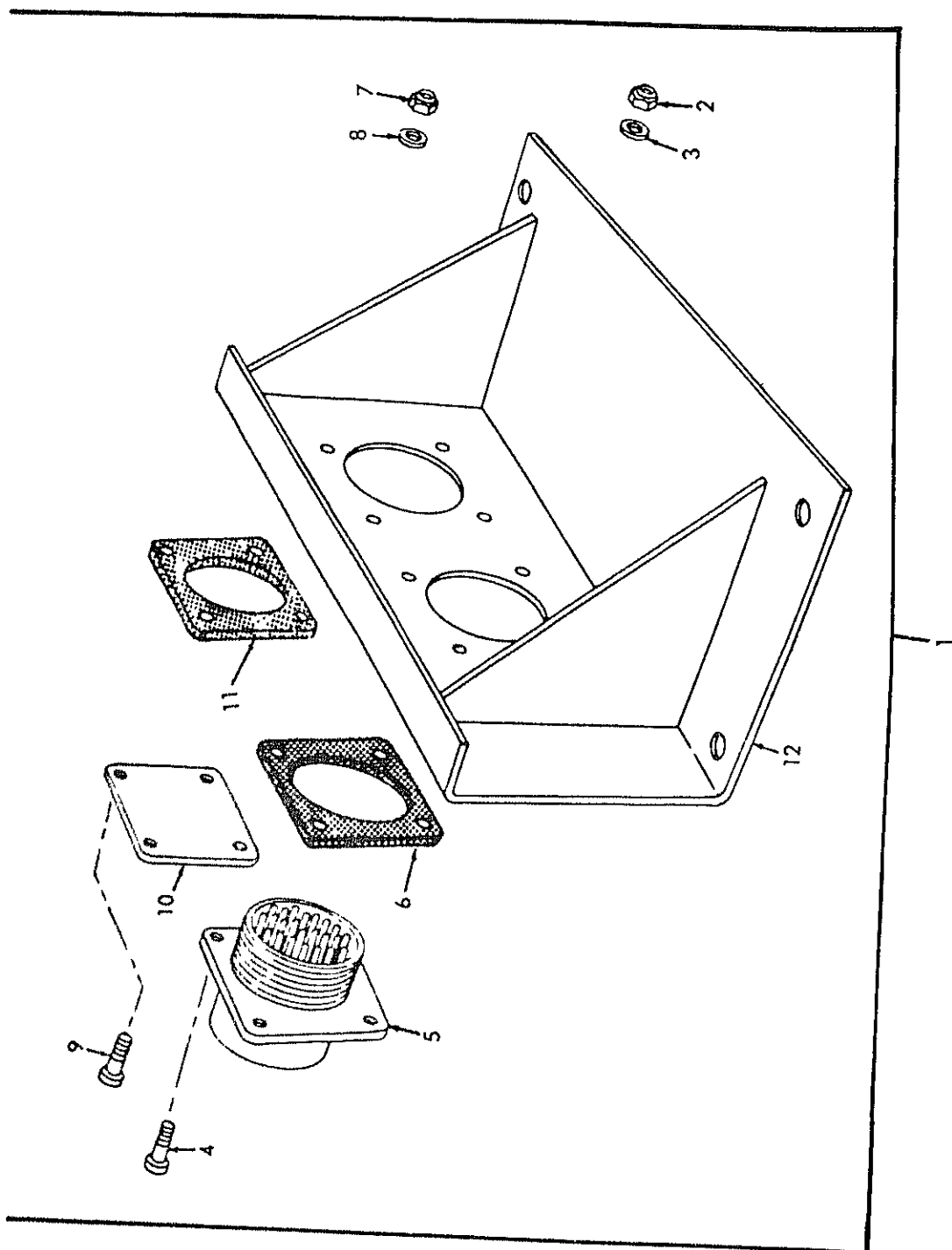


Figure 3. Block Off Assembly



## SECTION II

TM 5-4120-344-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
3	1	XB02Z	4130-00-550-2995	97403	13215E9885	BLOCK OFF ASSEMBLY.....	EA	1
3	2	PA0ZZ	5310-00-889-2544	96906	MS21045-06	NUT, SELF-LOCKING, HEXAGON.....	EA	4
3	3	PA0ZZ	5310-00-082-1404	96906	MS27183-6	WASHER, FLAT.....	EA	4
3	4	PA0ZZ	5305-00-889-3001	96906	MS35206-231	SCREW, MACHINE.....	EA	4
3	5	PA0ZZ	5935-01-073-3370	97403	1321YE7603	CONNECTOR.....	EA	1
3	6	XB0ZZ	5330-00-828-3628	96906	MS1007-10	GASKET.....	EA	1
3	7	PA0ZZ	5310-00-889-2543	96906	MS21045-04	NUT, SELF-LOCKING, HEXAGON.....	EA	4
3	8	PA0ZZ	5310-00-950-1310	96906	MS27183-4	WASHER, FLAT.....	EA	4
3	9	PA0ZZ	5305-00-983-6730	96906	MS35206-218	SCREW, MACHINE.....	EA	4
3	10	XB0ZZ		97403	13214E3471-5	COVER, RECEPTACLE.....	EA	1
3	11	XB0ZZ	5330-00-836-4356	96906	MS1007-8	GASKET.....	EA	1
3	12	XB0ZZ		97450	13215E9851	PANEL, BLOCK OFF.....	EA	1

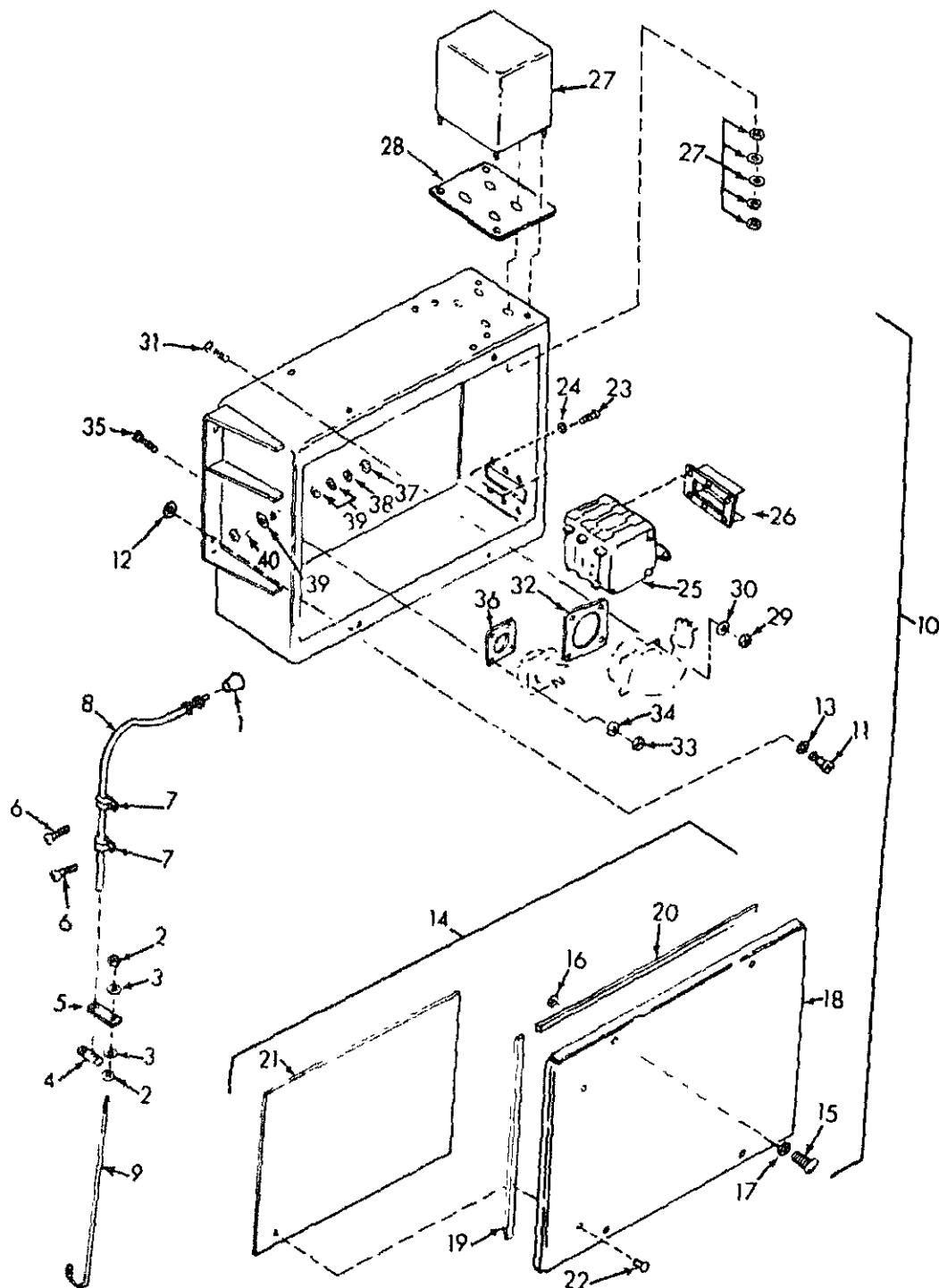


Figure 4. Junction Box Assembly (Sheet 1 of 3)

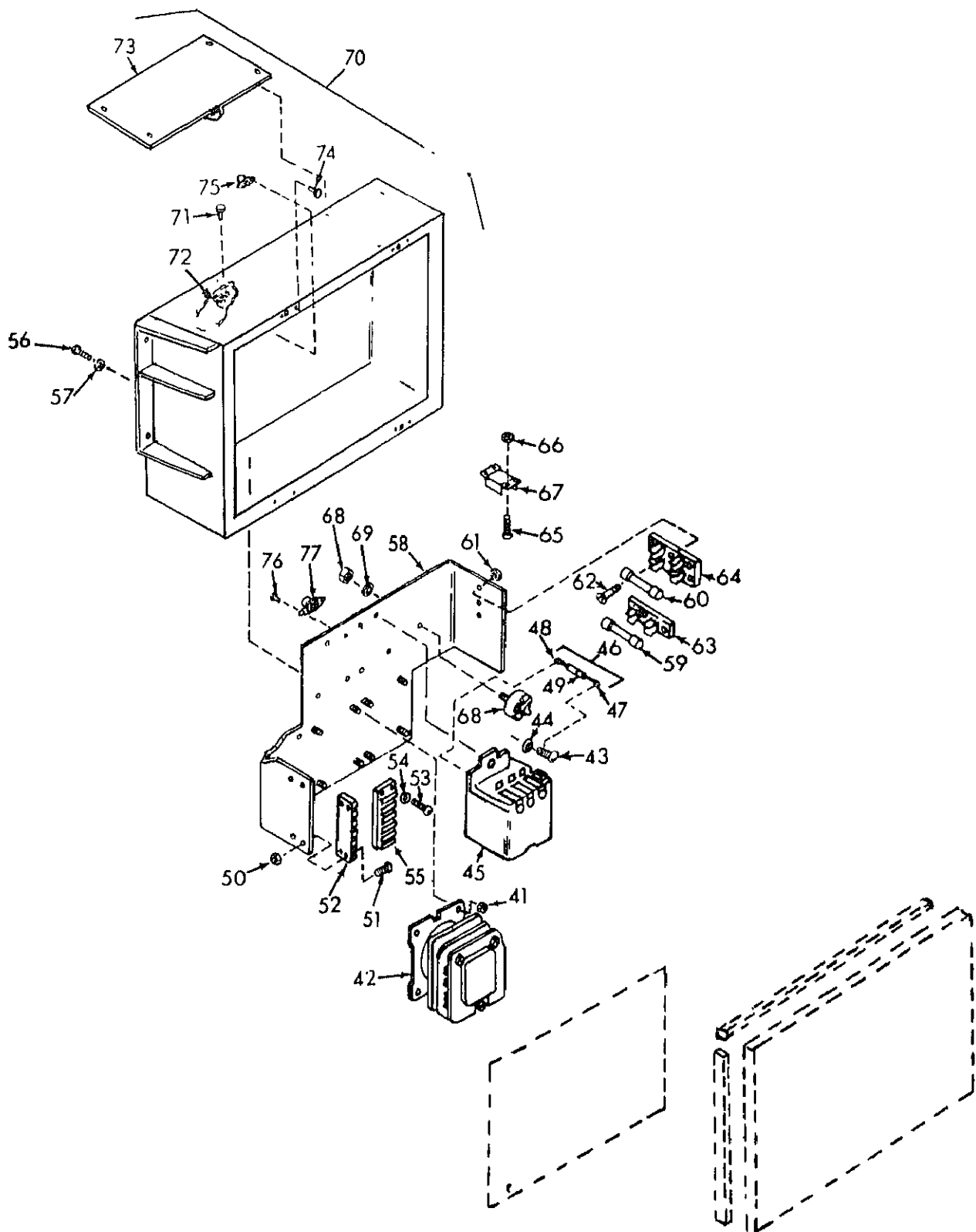


Figure 4. Junction Box Assembly (Sheet 2 of 3)

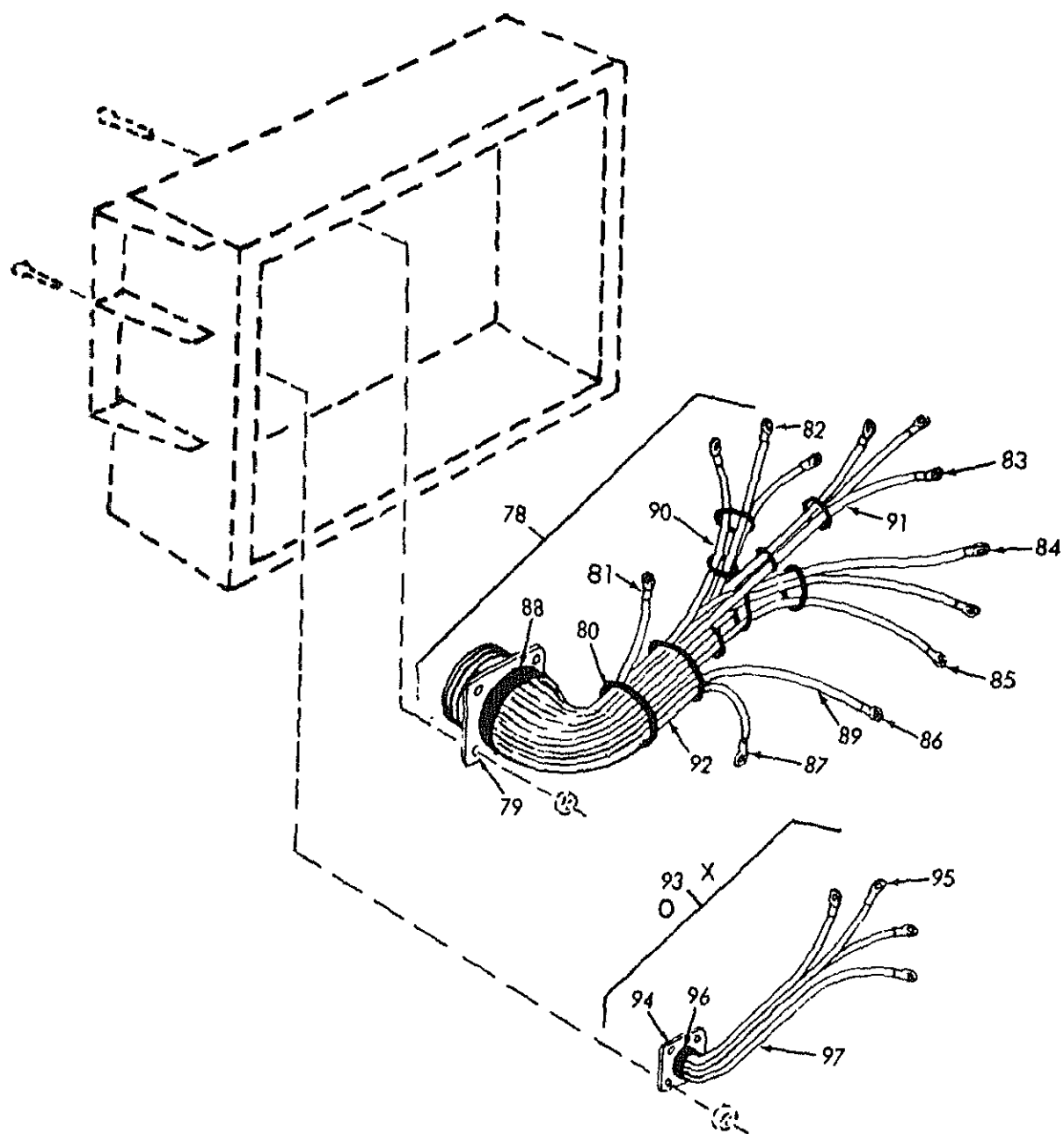


Figure 4. Junction Box Assembly (Sheet 3 of 3)

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(A) FIG NO	(B) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
GROUP 02 CONTROL PANEL AND JUNCTION BOX								
4	1	PA02Z	5355-00-171-2442	41625	843310-1	KNOB.....	EA	1
4	2	PA02Z	5310-00-934-9751	96906	H535650-302	NUT, PLAIN, HEXAGON.....	EA	2
4	3	PA02Z	5310-00-014-5850	96906	H527183-42	WASHER, FLAT.....	EA	2
4	4	XB02Z	2990-00-451-4838	41625	A37693	CONTROL ASSEMBLY.....	EA	1
4	5	XB02Z		97403	13220F5616	PLATE, CONNECTING.....	EA	1
4	6	PA02Z	5305-00-990-6444	96906	H535207-261	SCREW, MACHINE.....	EA	2
4	7	PA02Z	5340-00-078-3615	96906	H521322-33	CLAMP, LOOP.....	EA	2
4	8	XB02Z	3040-01-053-0566	97403	13217E6815-3	CONTROL ASSEMBLY.....	EA	1
4	9	XB02Z		97403	13220E5615-1	ARM, ACTUATOR.....	EA	1
4	10	XB000		97403	13217E2366-2	JUNCTION BOX ASSEMBLY.....	EA	1
4	11	PA02Z	5305-01-018-5599	97403	13214E3744W5	SCREW, PANEL FASTENER.....	EA	4
4	12	PA02Z	5310-00-880-9344	97403	13211E8337	WASHER, LOCK.....	EA	4
4	13	PA02Z	5310-00-550-1130	96906	H535333-40	WASHER, LOCK.....	EA	4
4	14	XB00Z	5975-01-045-9483	97403	13215E9893	COVER, JUNCTION BOX.....	EA	1
4	15	PA02Z	5305-01-018-5599	97403	13214E3744W5	SCREW, PANEL FASTENER.....	EA	4
4	16	PA02Z	5310-00-880-9344	97403	13211E8337	WASHER, LOCK.....	EA	4
4	17	PA02Z	5330-01-054-1553	80205	NAS1523C4F	PACKING WITH RETAINER.....	EA	4
4	18	XBHZZ		97403	13215E9893-1	COVER, JUNCTION BOX.....	EA	1
4	19	H0000		97403	13215E9893-2	GASKET, RUBBER, MFD FROM ASTM-D-1056 CL 58E-42-CF2 X .125 STK MIN .75 W X 9.12 LONG.....	FT	2
4	20	H0000		97403	13215E9893-2	GASKET, RUBBER, MFD FROM ASTM-D-1056 CL 58E-42-CF2 X .125 STK MIN .75 W X 13.00 LONG.....	FT	2
4	21	XB02Z	9905-01-066-9540	97403	13217E2341	PLATE, FLUID DIAGRAM.....	EA	1
4	22	PA02Z	5320-00-582-3298	96906	H520600B4W2	RIVET, BLIND.....	EA	6
4	23	PA02Z	5305-00-984-4982	96906	H535206-225	SCREW, MACHINE.....	EA	6
4	24	PA02Z	5310-00-045-4007	96906	H535338-41	WASHER, LOCK.....	EA	6
4	25	PA02Z	5925-00-236-2350	97403	13216E6205-4	CIRCUIT BREAKER.....	EA	1
4	26	XB02Z	5925-01-105-1398	97403	13215E9822	COVER, BREAKER.....	EA	1
4	27	PA02Z	5950-00-433-6017	97403	13214E3818-5	TRANSFORMER, POWER.....	EA	1
4	28	PA02Z	5970-00-165-7470	97403	13214E3685-2	PLATE, IDENTIFICATION, TRANSFORMER.....	EA	1
4	29	PA02Z	5310-00-889-2549	96906	H521045-08	NUT, SELF-LOCKING, HEXAGON.....	EA	8
4	30	PA02Z	5310-00-765-3197	96906	H527183-41	WASHER, FLAT.....	EA	4
4	31	PA02Z	5305-00-984-6195	96906	H535206-247	SCREW, MACHINE.....	EA	4
4	32	PA02Z	5330-00-838-6935	96906	H551007-13	GASKET.....	EA	1
4	33	PA02Z	5310-00-889-2543	96906	H521045-04	NUT, SELF-LOCKING, HEXAGON.....	EA	8
4	34	PA02Z	5310-00-950-1310	96906	H527183-4	WASHER, FLAT.....	EA	12
4	35	PA02Z	5305-00-983-6730	96906	H535206-218	SCREW, MACHINE.....	EA	12
4	36	PA02Z	5330-00-836-4356	96906	H551007-8	GASKET.....	EA	1
4	37	PA02Z	5310-00-061-7326	96906	H521045-3	NUT, SELF-LOCKING, HEXAGON.....	EA	1
4	38	PA02Z	5310-00-045-4007	96906	H535338-41	WASHER, LOCK.....	EA	1



(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO	(b) ITEM NO	SHR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE OH CODE	U/M	QTY INC IN UNIT
4	78	MO000		97403	13215E9879	..WIRING HARNESS, JUNCTION BOX.....	FA	1
4	79	PA0ZZ	5935-00-824-7883	96906	MS3102R36-75	..CONNECTOR, RECEPTACLE, ELECTRICAL.....	FA	1
4	80	PA0ZZ	5975-00-074-2072	96906	MS3367-1-9	..STRAP, TIEDOWN, ELECTRICAL.....	FA	702
4	81	PA0ZZ	5940-00-143-4794	96906	MS25036-112	..TERMINAL, LUG.....	FA	17
4	82	PA0ZZ	5940-00-143-4780	96906	MS25036-108	..TERMINAL, LUG.....	FA	12
4	83	PA0ZZ	5940-00-283-5280	96906	MS25036-106	..TERMINAL, LUG.....	FA	25
4	84	PA0ZZ	5940-00-143-4774	96906	MS25036-153	..TERMINAL, LUG.....	FA	39
4	85	PA0ZZ	5940-00-150-4682	97403	13216E6192	..TERMINAL, QUICK DISCONNECT.....	FA	78
4	86	PA0ZZ	5940-00-432-2660	97403	13216E6191-3	..TERMINAL, QUICK DISCONNECT.....	FA	156
4	87	PA0ZZ	5940-00-926-0085	97403	13216E6191-2	..CLAMP, ELECTRICAL.....	FA	156
4	88	MO000		97403	13215E9879-14	..INSULATION, TUBING, HEAT SHRINKABLE, MFD FROM: MIL-I-23053, CLL, WHITE, .125 ID X .0200IN WALL THK, X .75 LONG.....	FT	2
4	89	MO000		97403	13215E9879-15	..INSULATION, TUBING, HEAT SHRINKABLE, MFD FROM: MIL-I-23053, CLL, WHITE, .137 ID X .0200IN WALL THK, X .75 LONG.....	FT	2
4	90	MO000		97403	13215E9879-9	..WIRE, ELECTRICAL, 12 AWG, MFD FROM M5086/2-12-9.....	FT	585
4	91	MO000		97403	13215E9879-11	..WIRE, ELECTRICAL, 14 AWG, MFD FROM M5086/2-14-9.....	FT	117
4	92	MO000		97403	13215E9879-10	..WIRE, ELECTRICAL, 16 AWG, MFD FROM M5086/2-16-9.....	FT	2925
4	93	MO000		97403	13215E9866	..WIRING HARNESS, JUNCTION BOX.....	FA	1
4	94	PA0ZZ	5935-00-804-5816	96906	MS3102R22-22P	..CONNECTOR, RECEPTACLE, ELECTRICAL.....	FA	1
4	95	PA0ZZ	5940-00-143-4794	96906	MS25036-112	..TERMINAL, LUG.....	FA	4
4	96	MO000		97403	13215E9866-4	..INSULATION, TUBING, HEAT SHRINKABLE, MFD FROM: MIL-I-23053, CLL, .375 ID X .025WALL X .75 L.....	FT	1
4	97	MO000		97403	13215E9865-3	..WIRE, ELECTRICAL, 10 AWG, MFD FROM M5086/2-10-9.....	FT	2

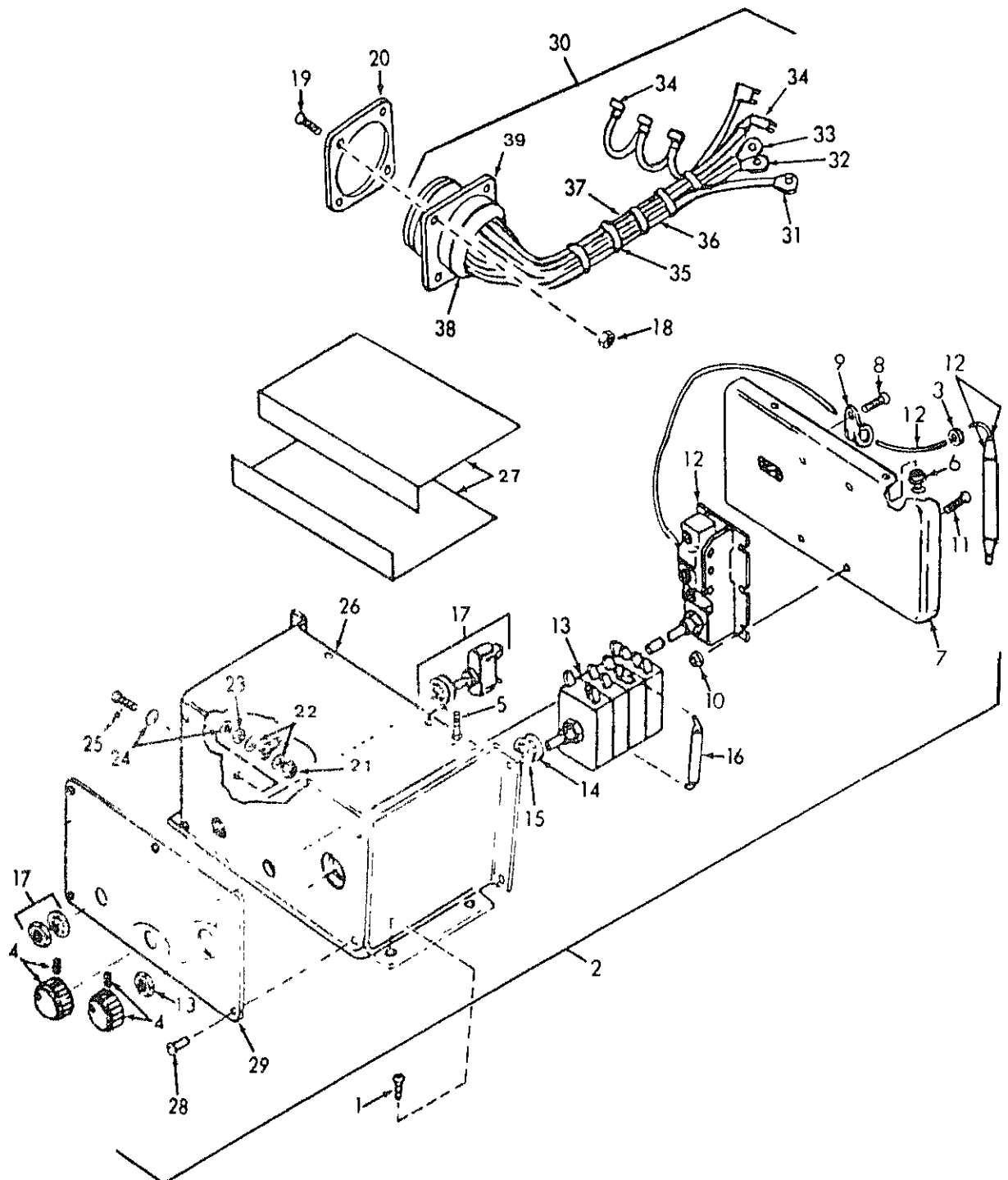


Figure 5. Control Panel Assembly



(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	U/M	QTY INC IN UNIT
(a) FIG NO	(b) ITEM NO							
5	1	PA0ZZ	5305-00-989-7435	96906	MS35207-264	SCREW, MACHINE.....	EA	10
5	2	XB0DZ	4120-01-062-0698	97403	13218E8492-1	CONTROL PANEL ASSEMBLY.....	EA	1
5	3	PA0ZZ	5325-00-254-4718	97403	13211E8222	.GROMMET, NONMETALLIC.....	EA	1
5	4	PA0ZZ	5355-00-916-2060	96906	MS91528-2P4B	.KNCR.....	EA	2
5	5	PA0ZZ	5305-00-984-6192	96906	MS35206-244	.SCREW, MACHINE.....	EA	8
5	6	PA0ZZ	5310-00-889-2549	96906	MS21045-08	.NUT, SELF-LOCKING, HEXAGON.....	EA	12
5	7	XB0ZZ		97403	13218E8494	.PANEL.....	EA	1
5	8	PA0ZZ	5305-00-984-6194	96906	MS35206-246	.SCREW, MACHINE.....	EA	1
5	9	PA0ZZ	5340-00-103-2976	96906	MS21105-6	.CLAMP, LOOP.....	EA	1
5	10	PA0ZZ	5310-00-889-2549	96906	MS21045-08	.NUT, SELF-LOCKING, HEXAGON.....	EA	4
5	11	PA0ZZ	5305-00-984-6192	96906	MS35206-244	.SCREW, MACHINE.....	EA	4
5	12	PA0ZZ	5930-00-923-4176	97403	13211E8301-1	.SWITCH, THERMOSTATIC.....	EA	1
5	13	PA0ZZ	5930-00-236-2351	97403	13216E6201	.SWITCH, ROTARY.....	EA	1
5	14	PA0ZZ	5310-00-627-6128	96906	MS35335-35	.WASHER, LOCK.....	EA	1
5	15	PA0ZZ	5310-00-080-6004	96906	MS27183-14	.WASHER, FLAT.....	EA	1
5	16	PA0ZZ	5905-00-252-1047	81349	RCR32GF274JR	.RESISTOR.....	EA	3
5	17	PA0ZZ	5930-00-683-1628	96906	MS24523-22	.SWITCH, TOGGLE.....	EA	1
5	18	PA0ZZ	5310-00-889-2544	96906	MS21045-06	.NUT, SELF-LOCKING, HEXAGON.....	EA	4
5	19	PA0ZZ	5305-00-889-3001	96906	MS35206-231	.SCREW, MACHINE.....	EA	4
5	20	PA0ZZ	5330-00-828-3628	96906	MS51007-10	.GASKET.....	EA	1
5	21	PA0ZZ	5310-00-061-7326	96906	MS21045-3	.NUT, SELF-LOCKING, HEXAGON.....	EA	1
5	22	PA0ZZ	5310-00-809-8546	96906	MS27183-8	.WASHER, FLAT.....	EA	2
5	23	PA0ZZ	5310-00-934-9751	96906	MS35650-302	.NUT, PLAIN, HEXAGON.....	EA	2
5	24	PA0ZZ	5310-00-802-8544	96906	MS15795-709	.WASHER, FLAT.....	EA	2
5	25	PA0ZZ	5305-00-995-3444	96906	MS35207-266	.SCREW, MACHINE.....	EA	1
5	26	XB0ZZ		97403	13218E8493	.PANEL, CONTROL.....	EA	1
5	27	H00DZ		97403	13214E3762	.INSULATOR, MFG FROM: MIL-1-695 INSULATION, ELEC. PAPER, TYPE PP, FORM S, 210 STK.....	EA	8
5	28	PA0ZZ	5320-00-582-3305	96906	MS20600AD4W-3	.RIVET, BLIND.....	EA	20
5	29	XB0ZZ	9905-01-055-6370	97403	13218E8495	.PLATE, INSTRUCTION.....	EA	4
5	30	H00DZ		97403	13215E9853	.WIRING HARNESS.....	EA	1
5	31	PA0ZZ	5940-00-143-4780	96906	MS25036-108	.TERMINAL, LUG.....	EA	1
5	32	PA0ZZ	5940-00-283-5280	96906	MS25036-106	.TERMINAL, LUG.....	EA	2
5	33	PA0ZZ	5940-00-143-4774	96906	MS25036-153	.TERMINAL, LUG.....	EA	3
5	34	PA0ZZ	5940-00-859-4475	97403	13211E8288	.TERMINAL, QUICK DISCONNECT.....	EA	17
5	35	PA0ZZ	5975-00-074-2072	96906	MS3367-1-9	.STRAP, TIEDOWN.....	EA	6
5	36	H00DZ		97403	13215E9853-6	.WIRE, ELECTRICAL, MFG FROM: WIRE, ELEC., 600V., COP., AIRCRAFT, 105 DEG. C, TYPE II, AN16 WIRE SIZE, MIL-W-5086/2-16-9.....	FT	18
5	37	H00DZ		97403	13215E9853-7	.WIRE, ELECTRICAL, MFG FROM: WIRE, ELEC., 600V., COP., AIRCRAFT, 105 DEG. C, TYPE II, AN14 WIRE SIZE, MIL-W-5086/2-14-9.....	FT	3
5	38	H00DZ		97403	13215E9853-9	.INSULATION TUBE, MFG FROM: INSULATION TUBING, ELEC. HEAT 250 DEG. C, 0.20 NOM WALL THK, .75 LG., MIL-1-23053/5-166-9.....	FT	1
5	39	PA0ZZ	5935-00-818-7448	96906	MS3102R28-11P	CONNECTOR, RECEPTACLE, ELECTRICAL.....	EA	1

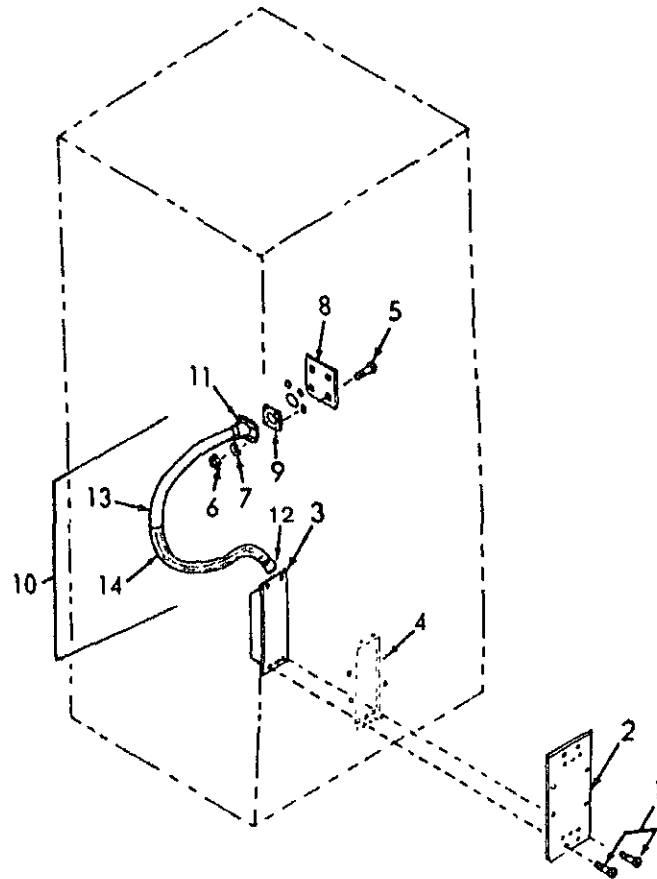


Figure 6. RFI Filter Assembly

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
6	1	PAQZZ	5305-00-989-7435	56906	MS35207-264	SCREW, MACHINE.....	EA	14
6	2	XBDZZ		57403	13220E5618	PLATE, FILTER MFG.....	EA	1
6	3	XBDZZ	5915-01-051-2774	97403	13218E9877	FILTER, RADIO FREQUENCY.....	EA	1
6	4	PAQZZ	5310-00-623-5989	80205	NAS1031A3	NUT, SELF-LOCKING, PLATE.....	EA	8
6	5	PAQZZ	5305-00-889-2999	96906	MS35206-217	SCREW, MACHINE.....	EA	4
6	6	PAQZZ	5310-00-934-9739	96906	MS35649-242	NUT, PLAIN, HEXAGON.....	EA	4
6	7	PAQZZ	5310-00-543-2410	96906	MS35338-40	WASHER, LOCK.....	EA	4
6	8	XBDZZ	5935-00-137-4670	96906	MS25043-220	COVER, ELECTRICAL CONNECTOR.....	EA	1
6	9	XBDZZ	5330-00-836-4356	96906	MS51007-8	GASKET.....	EA	1
6	10	MOO00		97403	13215E9862	WIRING HARNESS.....	EA	1
6	11	PAQZZ	5935-00-853-2543	96906	MS3100R22-22P	CONNECTOR, RECEPTACLE, ELECTRICAL.....	EA	1
6	12	PAQZZ	5935-00-846-2328	96906	MS3106R22-22S	CONNECTOR, PLUG, ELECTRICAL.....	EA	1
6	13	MOO00		57403	13215E9862-3	BRAID WIRE, .50 ID, MFD FROM BRAID WIRE, TUBULAR, .50 ID, SPEC. QQ-B-575.....	FT	3
6	14	MOO00		97403	13215E9862-2	WIRE, ELECTRICAL, 10 AWG, MFD FROM MS086/2-10-9.....	FT	16

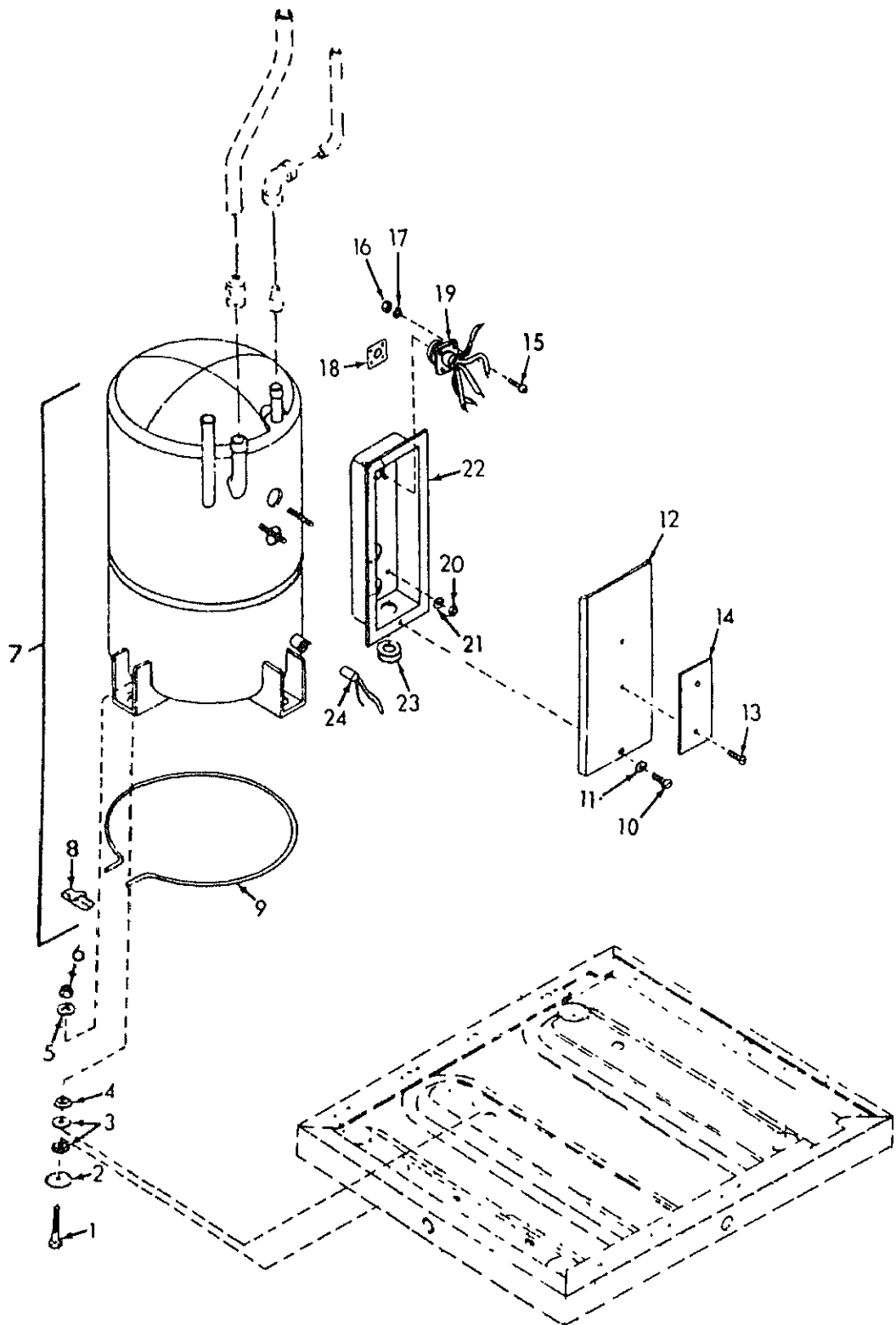


Figure 7. Compressor Assembly and Base Hardware

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
GROUP 03 COMPRESSOR ASSEMBLY								
7	1	PA0ZZ	5306-00-235-4727	97403	13211E8166	BOLT.....	EA	4
7	2	PA0ZZ	5310-00-167-0768	81352	AN970-6	WASHER, FLAT.....	EA	8
7	3	PA0ZZ	5310-00-401-3365	97403	13211E8170	WASHER, SHOULDERED.....	EA	8
7	4	X80ZZ	3120-00-410-6718	97403	13211E8169	BUSHING, SLEEVE.....	EA	4
7	5	PA0ZZ	5310-00-167-0767	81352	AN970-5	WASHER, FLAT.....	EA	6
7	6	PA0ZZ	5310-00-880-7744	96906	MS1967-5	NUT, PLAIN, HEXAGON.....	EA	4
7	7	P80ZD	4130-00-139-3372	97403	13211E3793-5	COMPRESSOR UNIT, REFRIGERANT.....	EA	1
7	8	X80ZZ	4130-01-104-0783	10855	KA90EC080	BAND, HEATER.....	EA	1
7	9	X80ZZ		10855	H132AZ232	HEATER, BAND.....	EA	1
7	10	PA0ZZ	5305-00-432-4164	96906	MS1861-25	SCREW.....	EA	1
7	11	PA0ZZ	5310-00-045-4007	96906	MS35338-22	WASHER.....	EA	1
7	12	X80ZZ		10855	1RG4076C	COVER, JUNCTION BOX.....	EA	1
7	13	X80ZZ		10855	8RG5007B	RIVET.....	EA	2
7	14	X80ZZ		10855	1RG5212C	NAMEPLATE.....	EA	1
7	15	PA0ZZ	5305-00-889-2999	96906	MS35206-217	SCREW, MACHINE.....	EA	4
7	16	PA0ZZ	5310-00-934-9739	96906	MS35649-242	NUT, PLAIN, HEXAGON.....	EA	4
7	17	PA0ZZ	5310-00-543-2410	96906	MS35338-40	WASHER, LOCK.....	EA	4
7	18	X80ZZ		96906	MS1007-1	GASKET.....	EA	1
7	19	X80ZZ	5935-00-754-5638	96906	MS3102R20-15P	CONNECTOR, RECEPTACLE.....	EA	1
7	20	X80ZZ		10855	8RG5004B	NUT.....	EA	2
7	21	X80ZZ		10855	AU02AAL31	WASHER.....	EA	2
7	22	X80ZZ		10855	2RG5222C	JUNCTION BOX.....	EA	1
7	23	X80ZZ	5325-00-940-7588	96906	MS35489-37	GROMMET, NONMETALLIC.....	EA	1
7	24	X80ZZ		10855	3RG5163G	THERMOSTAT.....	EA	1

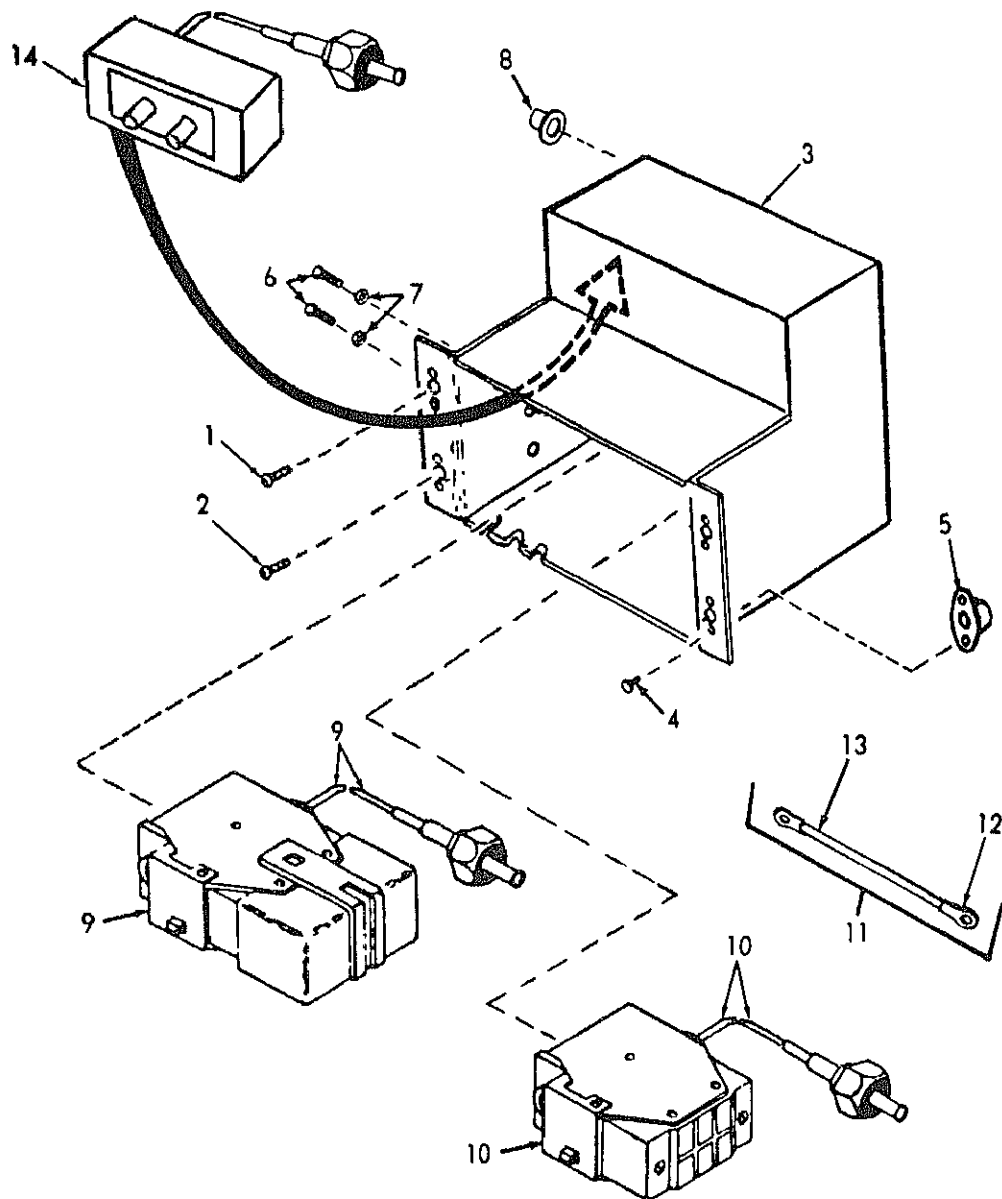


Figure 8. Hi and Lo Pressure Switch and Enclosure

## SECTION II

TM 5-4120-344-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8) QTY INC IN UNIT
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	
GROUP 04 PRESSURE SWITCHES								
8	1	PAFZZ	5305-00-889-3000	96906	MS35206-230	SCREW, MACHINE.....	EA	4
8	2	PAFZZ	5305-00-059-4553	96906	MS35190-238	SCREW, MACHINE.....	EA	2
8	3	XBFZZ		97403	13222E6260	ENCLOSURE, PRESSURE SWITCH.....	EA	1
8	4	PAFZZ	5320-00-117-6938	96906	MS20426AD3-4	RIVET, SOLID.....	EA	8
8	5	PAFZZ	5310-00-726-9076	96906	MS21077-05	NUT, SELF-LOCKING.....	EA	4
8	6	PAFZZ	5305-00-984-4984	96906	MS35206-227	SCREW, MACHINE.....	EA	6
8	7	PAFZZ	5310-00-045-4007	96906	MS35330-41	WASHER, LOCK.....	EA	6
8	8	PAFZZ	5325-00-263-6632	96906	MS35489-6	GROMMET, NONMET ALL IC.....	EA	1
8	9	PAFZZ	5930-00-911-9095	97403	13214E4309	SWITCH, PRESSURE, LO PRESSURE CUT-OUT.....	EA	1
8	10	PAFZZ	5930-00-275-7800	97403	13211E8404	SWITCH, PRESSURE, HI PRESSURE CUT-OUT.....	EA	1
8	11	HFFFZ		97403	13215E9861	LEAD, ELECTRICAL.....	EA	1
8	12	PAFZZ	5940-00-143-4774	96906	MS25036-153	TERMINAL, LUG.....	EA	2
8	13	HFFFF		97403	13215E9861-1	WIRE, ELECTRICAL, MFD FROM WIRE, ELEC., 600V., COP., AIRCRAFT, 105 DEG.C, TYPE 11, AN16 WIRE SIZE, MIL-W-5086/2-16-9.....	FT	1
8	14	PAFZZ	5930-01-100-4106	97403	13221E9273-1	SWITCH, PRESSURE, FAN SPEED.....	EA	1

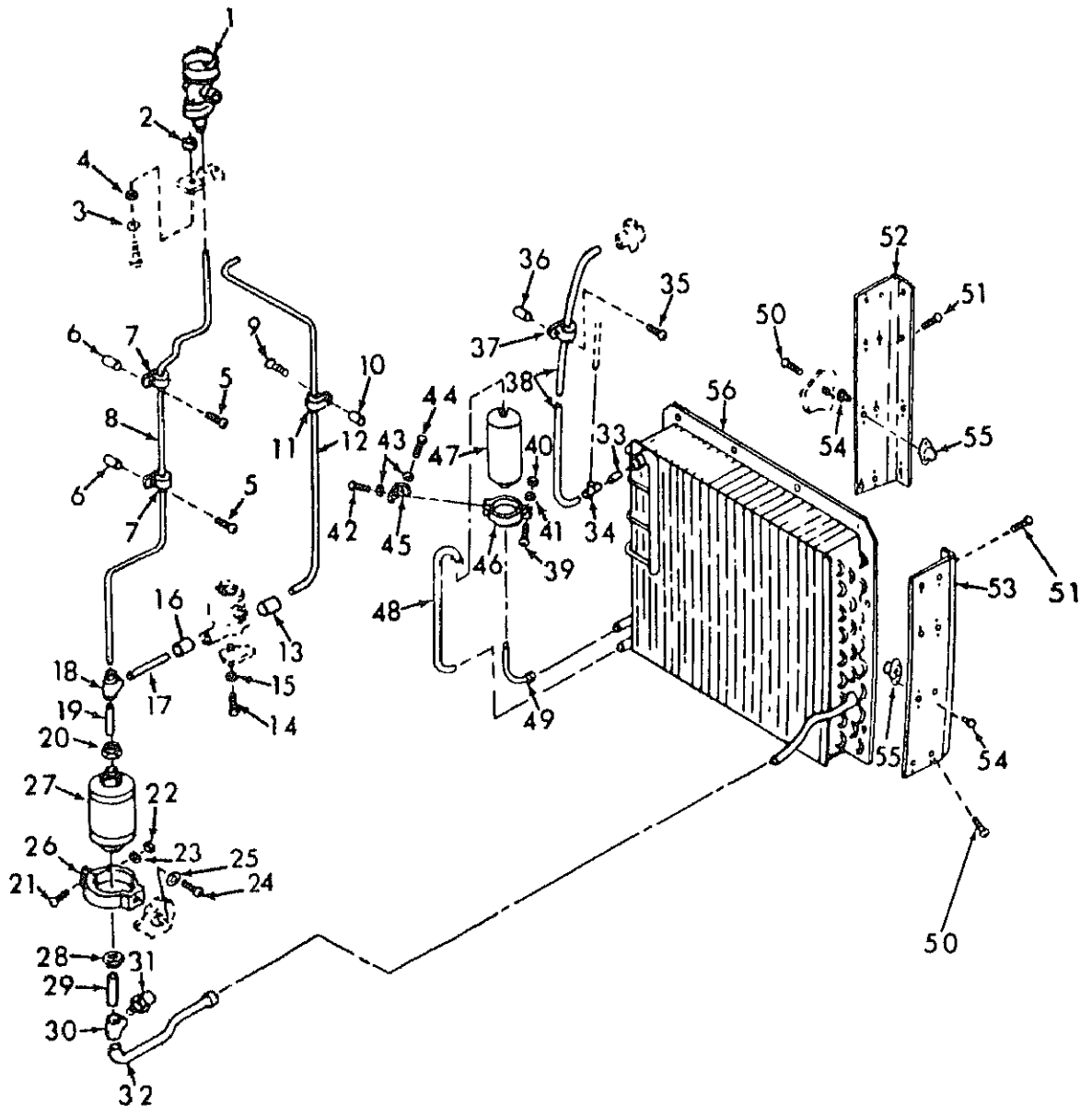


Figure 9. Condenser Coil, Refrigerant Tubing and Fittings



## SECTION II

TM 5-4120-344-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
GROUP 05 REFRIGERANT COMPONENTS								
9	1	PAFZZ	4820-01-055-1283	97403	13214E3785-1	VALVE, EXPANSION.....	EA	1
9	2	PAFZZ	5365-01-040-1488	97403	13211E8376-3	SPACER, SLEEVE.....	EA	4
9	3	PAFZZ	5310-00-959-4675	96906	MS5340-46	WASHER, LOCK.....	EA	2
9	4	PAFZZ	5310-00-087-7493	96906	MS27183-13	WASHER, FLAT.....	EA	4
9	5	PAFZZ	5305-00-995-3441	96906	MS5207-269	SCREW, MACHINE.....	EA	2
9	6	XBFZZ		97403	13211E8376-8	SPACER.....	EA	2
9	7	XBFZZ	5340-00-151-5997	96906	MS2110404	CLAMP, LOOP.....	EA	5
9	8	MFFFF		97403	13215E9855-86	TUBE, COPPER, SMLS, MFD FROM ASTM-B280 .250 OD X .030 WALL X AR L.....	FT	7
9	9	PAFZZ	5305-00-995-3442	96906	MS5207-268	SCREW, MACHINE.....	EA	12
9	10	XBFZZ		97403	13211E8376-1	SPACER.....	EA	9
9	11	XBFZZ		96906	MS2110406	CLAMP, LOOP.....	EA	5
9	12	MFFFF		97403	13215E9855-106	TUBE, COPPER, SMLS, MFD FROM ASTM-B280 .375 OD X .032 WALL X AR L.....	FT	13
9	13	PAFZZ	4730-00-822-1275	97403	13211E3799-3	REDUCER, TUBE.....	EA	5
9	14	PAFZZ	5305-00-984-6192	96906	MS5206-244	SCREW, MACHINE.....	EA	4
9	15	PAFZZ	5310-00-045-3299	96906	MS5338-42	WASHER, LOCK.....	EA	4
9	16	PAFZZ	4730-00-822-1275	97403	13211E3799-3	REDUCER, TUBE.....	EA	1
9	17	MFFFF		97403	13215E9855-80	TUBE, COPPER, SMLS, MFD FROM ASTM-B280 .375 OD X .032 WALL X AR L.....	FT	1
9	18	PAFZZ	4730-00-815-5664	97403	13211E4043-7	TEE, TUBE.....	EA	1
9	19	MFFFF		97403	13215E9855-78	TUBE, COPPER, SMLS, MFD FROM ASTM-B280 .375 OD X .032 WALL X AR L.....	FT	1
9	20	PAFZZ	4730-00-189-2739	96906	MS5872-3	NUT, TUBE COUPLING.....	EA	3
9	21	PAFZZ	5305-00-088-8923	96906	MS5207-285	SCREW, MACHINE.....	EA	3
9	22	PAFZZ	5310-00-043-0520	96906	MS5650-3252	NUT, PLAIN, HEXAGON.....	EA	3
9	23	PAFZZ	5310-00-582-5565	96906	MS5338-44	WASHER, LOCK.....	EA	9
9	24	PAFZZ	5305-00-993-2461	96906	MS5207-281	SCREW, MACHINE.....	EA	7
9	25	PAFZZ	5310-00-582-5565	96906	MS5338-44	WASHER, LOCK.....	EA	7
9	26	XBFZZ		97403	13211E8406	BRACKET, RECEIVER.....	EA	2
9	27	PAFZZ	4130-00-572-4709	97403	13214E3793	DEHYDRATOR, DESICCANT.....	EA	1
9	28	PAFZZ	4730-00-189-2739	96906	MS5872-3	NUT, TUBE COUPLING.....	EA	1
9	29	MFFFF		97403	13215E9855-78	TUBE, COPPER, SMLS, MFD FROM ASTM-B280 .375 OD X .032 WALL X AR L.....	FT	1
9	30	PAFZZ	4730-00-143-8933	97403	13214E3411-3	TEE, PIPE TO TUBE.....	EA	2
9	31	PAFZZ	4820-00-073-8405	97403	13211E8369	VALVE, SAFETY RELIEF.....	EA	1
9	32	MFFFF		97403	13215E9855-118	TUBE, COPPER, SMLS, MFD FROM ASTM-B280 .375 OD X .032 WALL X AR L.....	FT	1
9	33	MFFFF		97403	13215E9855-184	TUBE, COPPER, SMLS, MFD FROM ASTM-B280 .500 OD X .032 WALL X AR L.....	FT	6
9	34	PAFZZ	4730-00-821-9184	97403	13211E4043-12	TEE, TUBE.....	EA	1
9	35	PAFZZ	5305-00-995-3442	96906	MS5207-268	SCREW, MACHINE.....	EA	3

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(4) FIG NO	(5) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
9	36	XBFZZ		974 03	13211E8376-1	SPACER.....	FA	3
9	37	XBFZZ		969 06	M5211 0408	CLAMP, LOOP.....	FA	3
9	38	MFFFF		974 03	13215E9855-123	TUBE, COPPER, SMLS.....	FT	1
9	39	PAFZZ	5305-00-088-8923	969 06	M535207-285	SCREW, MACHINE.....	FA	1
9	40	PAFZZ	5310-00-043-0520	969 06	M535650-3252	NUT, PLAIN, HEXAGON.....	FA	1
9	41	PAFZZ	5310-00-582-5565	969 06	M535338-44	WASHER, LOCK.....	FA	1
9	42	PAFZZ	5305-00-993-2461	969 06	M535207-281	SCREW, MACHINE.....	FA	1
9	43	PAFZZ	5310-00-582-5565	969 06	M535338-44	WASHER, LOCK.....	FA	2
9	44	PAFZZ	5305-00-993-2461	969 06	M535207-281	SCREW, MACHINE.....	FA	1
9	45	XBFZZ		974 03	13220E5619	BRACKET, RECEIVER.....	FA	1
9	46	XBFZZ		974 03	13211E8405	BRACKET, RECEIVER.....	FA	1
9	47	XBFZZ		974 03	13215E9833	RECEIVER.....	FA	1
9	48	MFFFF		974 03	13215E9855-172	TUBE, COPPER, SMLS, MFD FRJY ASTM-B280 .315 OD X .032 WALL X AR L.....	FT	1
9	49	MFFFF		974 03	13215E9855-172	TUBE, COPPER, SMLS.....	FT	1
9	50	PAFZZ	5305-00-989-7434	969 06	M535207-263	SCREW, MACHINE.....	FA	24
9	51	PAFZZ		969 06	M524693-S272	SCREW, MACHINE.....	FA	8
9	52	XBFZZ		974 03	13215E9888	BRACKET, CONDENSER COIL.....	FA	1
9	53	XBFZZ		974 03	13215E9887	BRACKET, CONDENSER COIL.....	FA	1
9	54	PAFZZ	5320-00-117-6938	969 06	M520426AD3-4	RIVET, SOLID.....	FA	40
9	55	PAFZZ	5310-00-623-5989	802 05	NA51031A-3	NUT, SELF-LOCKING.....	FA	24
9	56	XBFZZ	4130-00-550-2857	974 03	13215E9837	COOLING COIL.....	FA	1



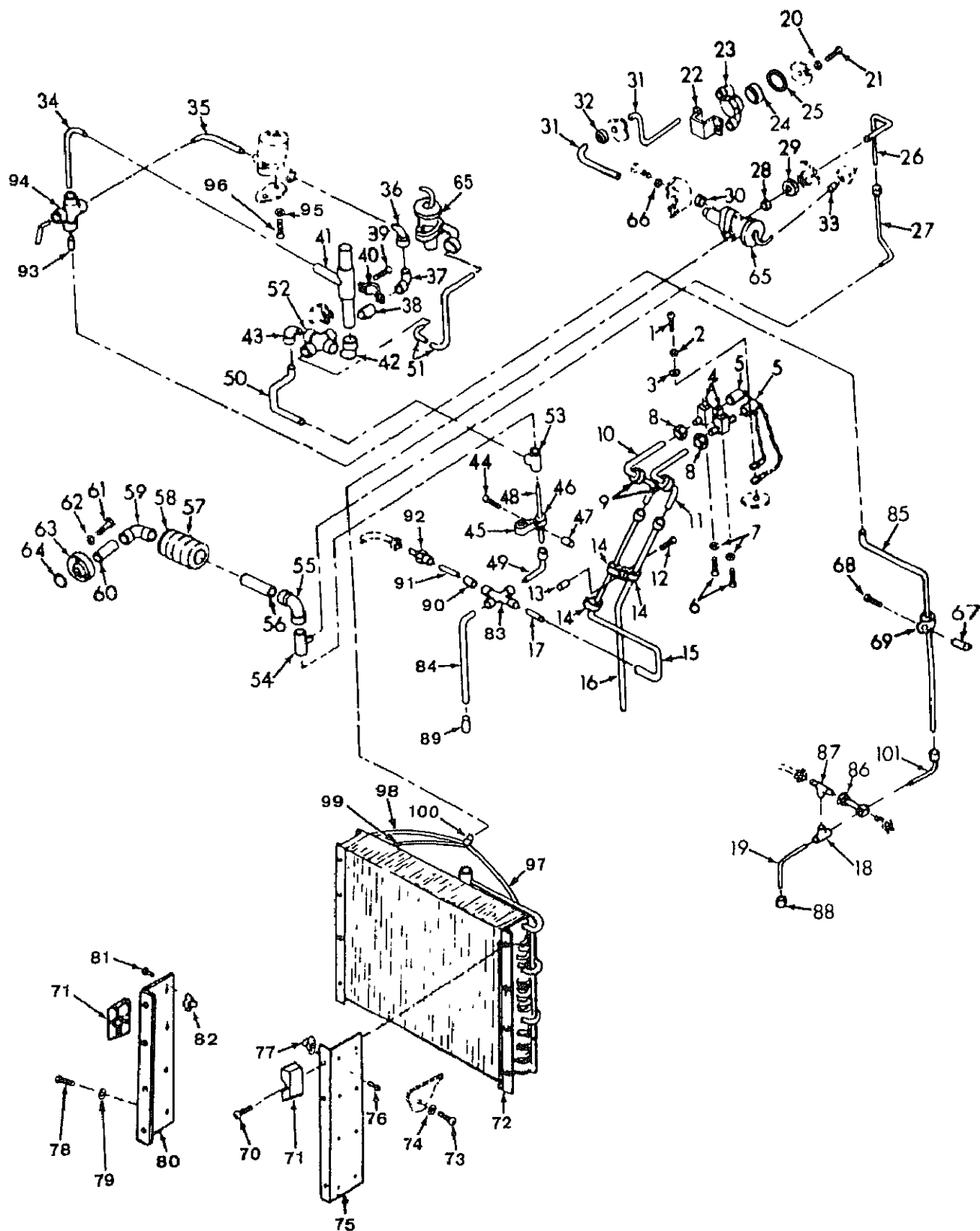


Figure 10. Evaporator Coil, Refrigerant Tubing, Fitting and Valves

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8) QTY INC IN UNIT
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U.N.	
10	1	PAFZZ	5305-00-984-6195	96906	MS35206-247	SCREW, MACHINE.....	EA	1
10	2	PAFZZ	5310-00-045-3299	96906	MS35338-42	WASHER, LOCK.....	EA	1
10	3	PAFZZ	5310-00-765-3197	96906	MS27183-41	WASHER, FLAT.....	EA	1
10	4	PAFZZ	4820-01-015-6690	97403	13219E9499-1	VALVE, GLOBE.....	EA	2
10	5	PAFZZ	4730-01-092-3835	97403	13219E9540	CAP AND CHAIN.....	EA	2
10	6	PAFZZ	5305-00-984-4583	96906	MS35206-226	SCREW, MACHINE.....	EA	4
10	7	PAFZZ	5310-00-045-4007	96906	MS35338-41	WASHER, LOCK.....	EA	2
10	8	PAFZZ	4730-00-189-2737	96906	MS35872-2	NUT, TUBE COUPLING.....	EA	4
10	9	PAFZZ	5325-00-174-5315	96906	MS35489-7	GROMMET, NONMETALLIC.....	EA	2
10	10	HFFFF		97403	13215E9855/102	TUBE, COPPER, MFD FROM: TUBE, COPPER; .250 OD X .030 WALL; ASTM-B280-1/4.....	EA	1
10	11	HFFFF		97403	13215E9855/104	TUBE, COPPER, MFD FROM: TUBE, COPPER; .250 OD X .030 WALL; ASTM-B280-1/4.....	EA	1
10	12	PAFZZ	5305-00-995-3442	96906	MS35207-258	SCREW, MACHINE.....	EA	3
10	13	XBFZZ		97403	13211E8376-1	SPACER.....	EA	3
10	14	XBFZZ	5340-00-151-5997	96906	MS2110404	CLAMP, LOOP.....	EA	3
10	15	HFFFF		97403	13215E9855/130	TUBE, COPPER, MFD FROM: TUBE, COPPER; .250 OD X .030 WALL; ASTM-B280-1/4.....	EA	1
10	16	HFFFF		97403	13215E9855/131	TUBE, COPPER, MFD FROM: TUBE, COPPER; .250 OD X .030 WALL; ASTM-B280-1/4.....	EA	1
10	17	PAFZZ	4730-00-822-1274	97403	13211E3799-1	REDUCER, TUBE.....	EA	1
10	18	PAFZZ	4730-00-143-8933	97403	13214E3411-3	TEE, PIPE TO TUBE.....	EA	1
10	19	HFFFF		97403	13215E9855/132	TUBE, COPPER, MFD FROM: TUBE, COPPER; .375 OD X .032 WALL; ASTM-B280-3/8.....	EA	1
10	20	PAFZZ	5310-00-045-3299	96906	MS35338-42	WASHER, LOCK.....	EA	1
10	21	PAFZZ	5305-00-984-6193	96906	MS35206-245	SCREW, MACHINE.....	EA	1
10	22	XBFZZ		97403	13211E8245	BRACKET.....	EA	1
10	23	PAFZZ	6680-00-073-8404	97403	13211E8218	INDICATOR, SIGHT.....	EA	1
10	24	XBFZZ		97403	13211E8242	SPACER.....	EA	1
10	25	XBFZZ	5330-00-409-3350	97403	13211F8255	GASKET.....	EA	1
10	26	HFFFF		97403	13215E9855/94	TUBE, COPPER, MFD FROM: TUBE, COPPER; .250 OD X .030 WALL; ASTM-B280-1/4.....	EA	1
10	27	HFFFF		97403	13215E9855/103	TUBE, COPPER, MFD FROM: TUBE, COPPER; .250 OD X .030 WALL; ASTM-B280-1/4.....	EA	1
10	28	PAFZZ	4730-00-189-2737	96906	MS35872-2	NUT, TUBE COUPLING.....	EA	2
10	29	PAFZZ	5325-00-276-6087	96906	MS35489-8	GROMMET, NONMETALLIC.....	EA	1
10	30	XBFZZ	5365-01-040-1488	97403	13211E8376-3	SPACER, SLEEVE.....	EA	1
10	31	HFFFF		97403	13215E9855/139	TUBE, COPPER, MFD FROM: TUBE, COPPER; .375 OD X .032 WALL; ASTM-B280-3/8.....	EA	1
10	32	PAFZZ	5325-00-291-9366	96906	MS35489-11	GROMMET, NONMETALLIC.....	EA	1
10	33	PAFZZ	5325-00-286-6047	96906	MS35489-1	GROMMET, NONMETALLIC.....	EA	1
10	34	HFFFF		97403	13215E9855/219	TUBE, COPPER, MFD FROM: TUBE, COPPER; .500 OD X .032 WALL; ASTM-B280-1/2.....	EA	1
10	35	HFFFF		97403	13215E9855/136	TUBE, COPPER, MFD FROM: TUBE, COPPER; .500 OD X .032 WALL; ASTM-B280-1/2.....	EA	1

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
10	36	PAFZZ	4730-00-277-7922	97403	13216E6176-2	ELBOW, TUBE.....	FA	1
10	37	PAFZZ	4730-00-821-3037	97403	13216E6176-3	ELBOW, TUBE.....	FA	3
10	38	MFFFF		97403	13215F9855/106	TUBE, COPPER, MFD FROM: TUBE, COPPER; .500 OD X .032 WALL; ASTM- B280-1/2.....	FA	1
10	39	PAFZZ	5305-00-889-3000	96906	M535206-230	SCREW, MACHINE.....	FA	2
10	40	PAFZZ	5340-00-952-7009	96906	M521315-22	STRAP, RETAINING.....	FA	1
10	41	PAFZZ	4820-00-909-3717	97403	13211F3800	VALVE, REGULATING, FL.....	FA	1
10	42	PAFZZ	4730-00-445-0594	97403	13216E9963-2	ELBOW, TUBE.....	FA	1
10	43	PAFZZ	4730-00-277-7522	97403	13216E6176-2	ELBOW, TUBE.....	FA	1
10	44	PAFZZ	5305-00-995-3442	96906	M535207-268	SCREW, MACHINE.....	FA	1
10	45	PAFZZ	5340-00-291-5323	96906	M521919W0G6	CLAMP, LOOP.....	FA	1
10	46	PAFZZ	5340-00-106-0551	96906	M*21104010	CLAMP, LOOP.....	FA	1
10	47	XBFZZ		97450	13211E8376-1	SPACER.....	FA	1
10	48	MFFFF		97403	13215F9855/123	TUBE, COPPER, MFD FROM: TUBE, COPPER; .625 OD X .035 WALL; ASTM- B280-5/8.....	FA	1
10	49	MFFFF		97403	13215F9855/113	TUBE, COPPER, MFD FROM: TUBE, COPPER; .625 OD X .035 WALL; ASTM- B280-5/8.....	FA	1
10	50	MFFFF		97403	13215F9855/145	TUBE, COPPER, MFD FROM: TUBE, COPPER; .500 OD X .032 WALL; ASTM- B280-1/2.....	FA	1
10	51	MFFFF		97403	13215F9855/105	TUBE, COPPER, MFD FROM: TUBE, COPPER; .375 OD X .032 WALL; ASTM- B280-3/8.....	FA	1
10	52	PAFZZ	4730-00-707-6950	97403	13211F8370	CROSS, TUBE.....	FA	
10	53	PAFZZ	4730-00-263-6471	97403	13211E4043-20	TEE, TUBE.....	FA	
10	54	MFFFF		97403	13215F9855/158	TUBE, COPPER, MFD FROM: TUBE, COPPER; .625 OD X .035 WALL; ASTM- B280-5/8.....	FA	
10	55	PAFZZ	4730-00-640-0311	97403	13215F9866-5	ELBOW, TUBE.....	FA	
10	56	MFFFF		97403	13215F9855/127	TUBE, COPPER, MFD FROM: TUBE, COPPER; .750 OD X .042 WALL; ASTM- B280-3/4.....	FA	
10	57	MFFFF		97403	13215F9855/111	TAPE, ADHESIVE, MFD FROM: TAPE, ADHESIVE, MIL-T-220P SPEC TY 3 X 1 1A X 60 YDS.....	FA	
10	58	MFFFF		97403	13215F9855/110	PLASTIC MATERIAL, MFD FROM: PLASTIC MATERIAL, MIL-P-152R01 FCRPT, .625 ID X .500 WALL.....	FA	
10	59	PAFZZ	4730-00-254-6424	97403	13216F6190-5	ELBOW, TUBE.....	FA	
10	60	MFFFF		97403	13215F9855/127	TUBE, COPPER, MFD FROM: TUBE, COPPER; .750 OD X .042 WALL; ASTM- B280-3/4.....	FA	
10	61	PAFZZ	5305-00-978-9385	96906	M516997-62	SCREW, CAP, SOCKET HEAD.....	FA	1
10	62	PAFZZ	5310-00-582-5565	96906	M535330-44	WASHER, LOCK.....	FA	1
10	63	XBFZZ	4730-00-408-4566	97403	13211E8233	FLANGE, PIPE.....	FA	1
10	64	PAFZZ	5330-00-239-4922	97403	13211E8394-1	PACKING, PREFORMED.....	FA	1
10	65	PAFZZ	4820-01-017-4248	97403	13215E9839	VALVE, EXPANSION.....	FA	1
10	66	PAFZZ	5310-00-959-4675	96906	M535240-46	WASHER, LOCK.....	FA	2
10	67	XBFZZ		97403	13211E8376-1	SPACER.....	FA	1
10	68	PAOZZ	5305-00-995-3442	96906	M535207-268	SCREW, MACHINE.....	FA	1
10	69	PAFZZ	5340-00-286-9423	96906	M521919W0F6	CLAMP, LOOP.....	FA	1
10	70	PAFZZ	5305-00-989-7434	96906	M535207-263	SCREW, MACHINE.....	FA	18

Change 1

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION  USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
10	71	XBFZZ		97403	13219E2648	BRACKET, MIST ELIMINATOR.....	EA	2
10	72	PBFZZ	4130-00-550-2856	97403	13215E9836	COOLING COIL.....	EA	1
10	73	PAFZZ	5305-00-989-7434	96906	MS35207-263	SCREW, MACHINE.....	EA	16
10	74	PAFZZ	5330-00-119-7503	80205	NAS1523C3F	PACKING WITH RETAINER.....	EA	16
10	75	XBFZZ		97403	13215E9827	BRACKET, EVAPORATOR COIL.....	EA	1
10	76	PAFZZ	5320-00-117-6938	96906	MS20426A03-4	RIVET, SOLID.....	EA	14
10	77	PAFZZ	5310-00-623-5989	80205	NAS1031-A3	NUT, SELF-LOCKING.....	EA	14
10	78	PAFZZ	5305-00-989-7434	96906	MS35207-263	SCREW, MACHINE.....	EA	8
10	79	PAFZZ	5330-00-119-7503	80205	NAS1523C3F	PACKING WITH RETAINER.....	EA	8
10	80	XBFZZ		97403	13215E9889	BRACKET, EVAPORATOR COIL.....	EA	1
10	81	PAFZZ	5320-00-117-6938	96906	MS20426A03-4	RIVET, SOLID.....	EA	16
10	82	PAFZZ	5310-00-623-5989	80205	NAS1031-A3	NUT, SELF-LOCKING.....	EA	8
10	83	PAFZZ	4730-00-707-6546	97403	13218E6857	CROSS, TUBE.....	EA	1
10	84	MFFFF		97403	13215E9855/157	TUBE, COPPER, MFD FROM: TUBE, COPPER; .750 OD X .042 WALL; ASTM-B280-3/4.....	EA	1
10	85	MFFFF		97403	13215E9855/105	TUBE, COPPER, MFD FROM: TUBE, COPPER; .375 OD X .032 WALL; ASTM-B280-3/8.....	EA	1
10	86	PAFZZ	4730-01-037-4919	96906	MS35919-22	COUPLING, TUBE.....	EA	1
10	87	PAFZZ	4730-00-289-4202	96906	MS35871-2-2F	TEE, PIPE TO TUBE.....	EA	1
10	88	PAFZZ	4730-00-822-1277	41947	W-1715	PUSHING, FLUSH.....	EA	3
10	89	PAFZZ	4730-00-822-1278	41947	W-1720	BUSHING, FLUSH.....	EA	1
10	90	PAFZZ	4730-00-809-9669	41947	W-1717	REDUCER, TUBE.....	EA	2
10	91	MFFFF		97403	13215E9353	TUBE, COPPER, MFD FROM: TUBE, COPPER; .375 OD X .032 WALL; ASTM-B280-3/8.....	EA	1
10	92	PAFZZ	4730-00-289-0365	81343	SAE-J513	ADAPTER, STRAIGHT.....	EA	1
10	93	PAFZZ	4730-00-822-1277	41947	W-1715	REDUCER, TUBE.....	EA	3
10	94	PAFZZ	4730-00-707-6550	97403	13211E8370	CROSS, TUBE.....	EA	1
10	95	PAFZZ	5310-00-045-3299	96906	MS35338-42	WASHER, LOCK.....	EA	2
10	96	PAFZZ	5305-00-984-6192	96906	MS35206-244	SCREW, MACHINE.....	EA	2
10	97	MFFFF		97403	13215E9855/149	TUBE, COPPER, MFD FROM: TUBE, COPPER; .155 OD X .025 WALL; ASTM-B75 X .155.....	EA	1
10	98	MFFFF		97403	13215E9855/150	TUBE, COPPER, MFD FROM: TUBE, COPPER; .155 OD X .025 WALL; ASTM-B75 X .155.....	EA	1
10	99	MFFFF		97403	13215E9855/151	TUBE, COPPER, MFD FROM: TUBE, COPPER; .155 OD X .025 WALL; ASTM-B75 X .155.....	EA	1
10	100	XBFZZ	4130-01-114-1989	97403	13214E3986-5	DISTRIBUTOR, REFRIGERANT.....	EA	1
10	101	MFFFF		97403	13215E9855/182	TUBE, COPPER, MFD FROM: TUBE, COPPER; .375 OD X .032 WALL; ASTM-B280-3/8.....	EA	1

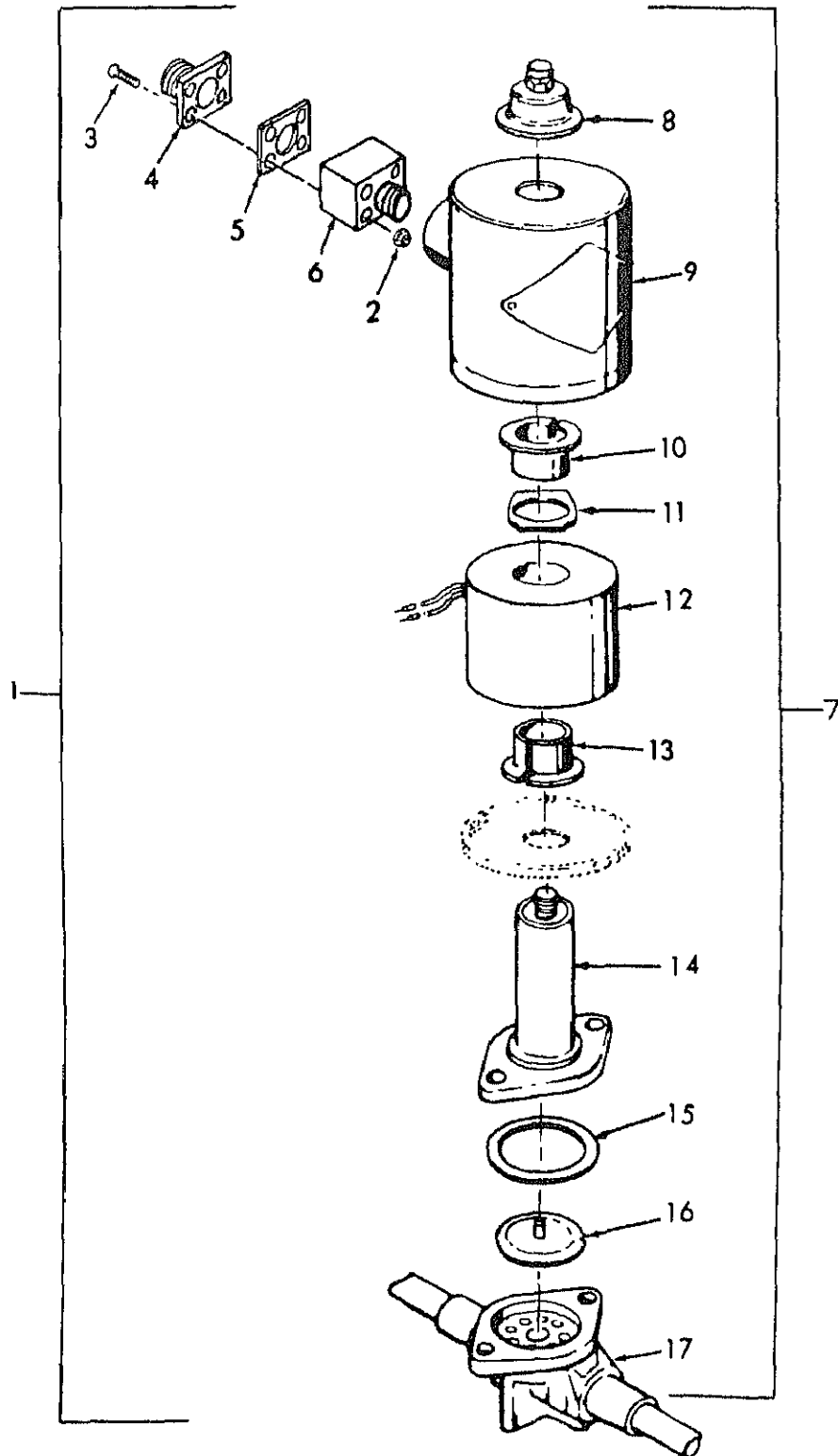


Figure 11. Solenoid Valve Assembly (J5 and L1)



ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(1) FIG NO	(1) ITEM NO	SAM CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
11	1	XB0FF		97403	13214E4224-5	WIRING ASSEMBLY, SOLENOID VALVE.....	EA	1
11	2	PADZZ	5310-00-088-0551	96906	M521044-N04	..NUT, SELF-LOCKING.....	EA	4
11	3	PADZZ	5305-00-904-4979	96906	M535206-272	..SCREW, MACHINE.....	EA	4
11	4	XB0ZZ		96906	M53102R125-3P	..CONNECTOR.....	EA	1
11	5	XB0ZZ	5330-00-079-7838	96906	M551007-3	..GASKET.....	EA	1
11	6	XB0ZZ		97403	13214E0696-3	..ADAPTER.....	EA	1
11	7	PATFF	4010-00-433-0763	97403	13214F3971	..VALVE, SOLENOID.....	EA	1
11	8	XB0ZZ		93781	083-141	..NUT, COIL.....	EA	1
11	9	XB0ZZ		93781	083-27	..HOUSING, COIL.....	EA	1
11	10	XB0ZZ		93781	3MP25	..SLEEVE, COIL.....	EA	2
11	11	XB0ZZ		93781	08241-2	..SPRING, COIL.....	EA	1
11	12	PADZZ	5950-00-242-9749	93781	757230	..COIL, ELECTRICAL.....	EA	1
11	13	XB0ZZ		93781	3MP25	..SLEEVE, COIL.....	EA	1
11	14	XB0ZZ		93781	08234-15	..BONNET ASSEMBLY.....	EA	1
11	15	PATZZ	5330-00-402-4645	93781	P45-11	..PACKING, PREFORMED.....	EA	1
11	16	PATZZ	4010-00-223-6937	93781	08235-7	..DIAPHRAGM ASSEMBLY.....	EA	1
11	17	XB0ZZ		93781	08241-1	..BODY, VALVE.....	EA	1

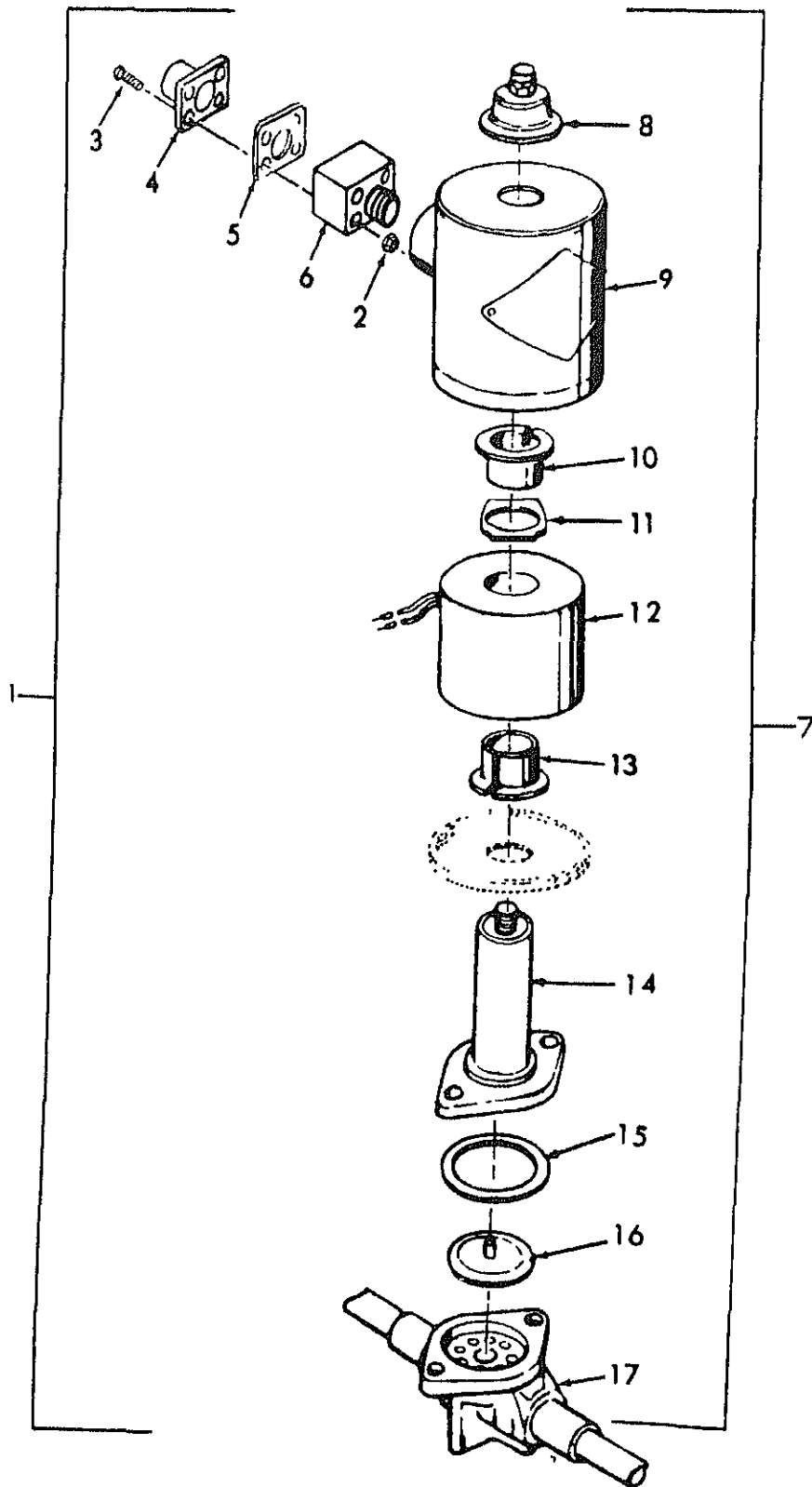


Figure 12. Solenoid Valve Assembly (J6 and L2)

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION  USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
12	1	XBFFF		97403	13214E4224-6	WIRING ASSEMBLY, SOLENOID, VALVE.....	EA	1
12	2	PA0ZZ	5310-00-088-0551	96906	N521044-N04	NUT, SELF-LOCKING.....	EA	4
12	3	PA0ZZ	5305-00-984-4979	96906	N535206-222	SCREW, MACHINE.....	EA	4
12	4	XB0ZZ		96906	N53102R12S-3P	CONNECTOR.....	EA	1
12	5	XB0ZZ	5330-00-079-7838	96906	N551007-3	GASKET.....	EA	1
12	6	XB0ZZ		97403	13214E0695-3	ADAPTER.....	EA	1
12	7	PAFFF	4810-00-433-0763	97403	13214E3971	VALVE, SOLENOID.....	EA	1
12	8	XB0ZZ		93781	083-141	NUT, COIL.....	EA	1
12	9	XB0ZZ		93781	083-27	HOUSING, COIL.....	EA	1
12	10	XB0ZZ		93781	3MP25	SLLEEVE, COIL.....	EA	2
12	11	XB0ZZ		93781	08241-2	SPRING, COIL.....	EA	1
12	12	PA0ZZ	5950-00-242-9749	93781	757230	COIL, ELECTRICAL.....	EA	1
12	13	XB0ZZ		93781	3MP25	SLLEEVE, COIL.....	EA	1
12	14	XB0ZZ		93781	08234-15	BACKET ASSEMBLY.....	EA	1
12	15	PAFZZ	5330-00-402-4445	93781	P45-11	PACKING, PREFORMED.....	EA	1
12	16	PAFZZ	4810-00-223-6937	93781	08235-7	DIAPHRAGM ASSEMBLY.....	EA	1
12	17	XB0ZZ		93781	08241-1	BOY, VALVE.....	EA	1

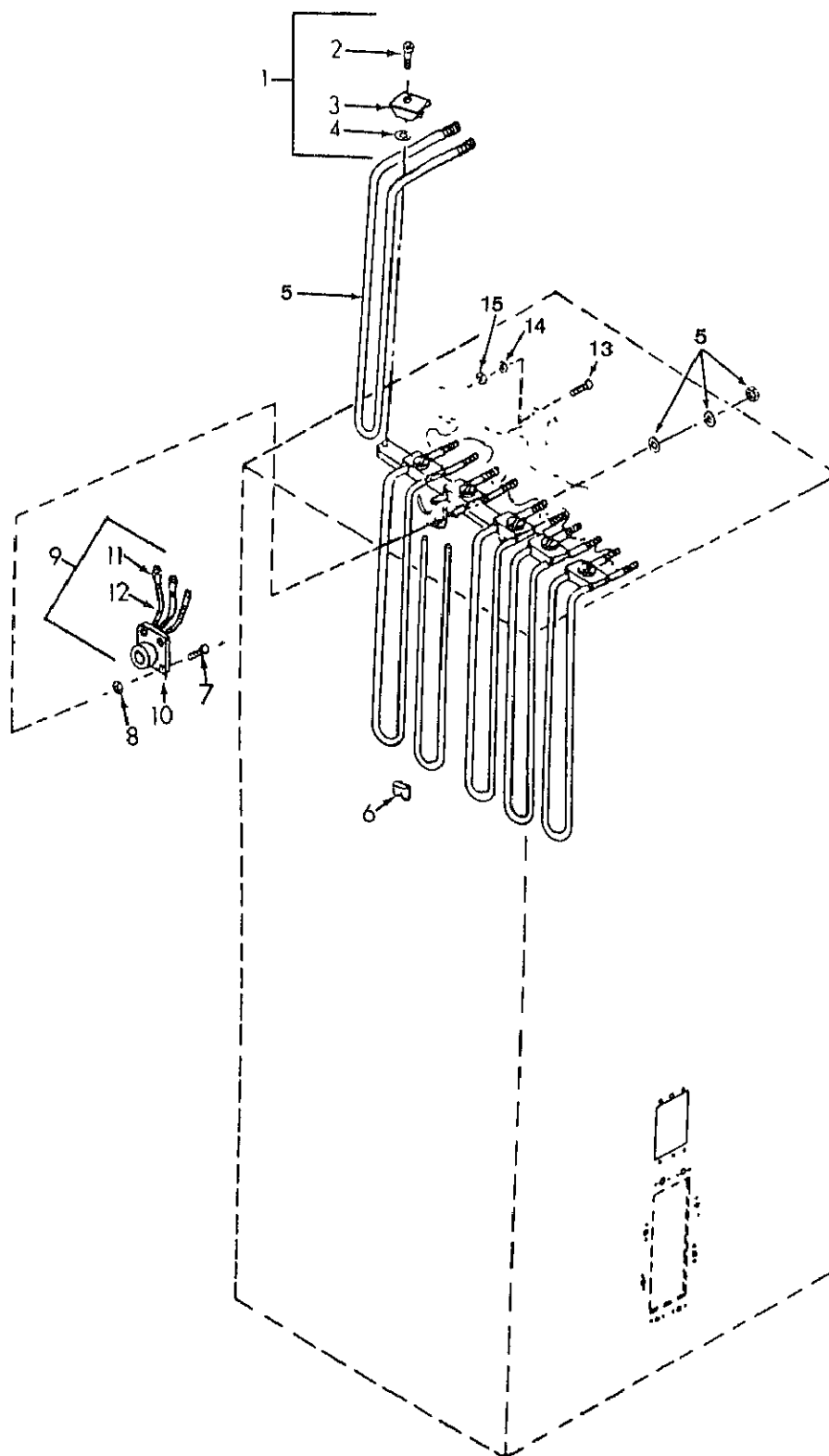


Figure 13. Heater Assembly

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	UOM	QTY INC IN UNIT
						GROUP 06 HEATER ASSEMBLY		
13	1	X000Z	5340-01-039-0103	97403	13214E3416	CLAMP ASSEMBLY.....	EA	6
13	2	PA0ZZ		97403	13214E3744V1	.SCRW, PANEL FASTENER.....	EA	6
13	3	XB0ZZ		97403	13214E3416-1	CLAMP.....	FL	6
13	4	PA0ZZ	5310-00-880-9344	97403	13211E8337	WASHER, LOCK.....	EA	6
13	5	PA0ZZ	4130-00-878-0103	97403	13211E8353-1	HEATING ELEMENT, ELECTRIC, SUPPLIED WITH NUTS, WASHERS, LOCKWASHERS, 8/32, UNC-2A.....	EA	6
13	6	PA0ZZ	4130-00-056-4593	97403	13211E8227	CLIP.....	EA	6
13	7	PA0ZZ	5305-00-984-6193	97403	MS35206-245	SCREW, MACHINE.....	EA	4
13	8	PA0ZZ	5310-00-889-2549	96906	MS21045-08	NUT, SELF-LOCKING, HEXAGON.....	EA	2
13	9	XB00Z	5930-01-054-4128	97403	13215E9884	SWITCH, THERMOSTATIC.....	EA	1
13	10	PA0ZZ	4130-00-106-1972	97403	13211E8265	.THERMOSTAT, HEATER.....	EA	1
13	11	PA0ZZ	5940-00-143-4780	96906	MS5036-108	.TERMINAL, LJG.....	EA	3
13	12	MD000		97403	13215E9884/3	.WIRE, ELECTRICAL, MFD FROM WIRE, ELEC, MS086/2-16-9.....	FT	1
13	13	PA0ZZ	5305-00-889-2999	96906	MS35206-217	SCREW, MACHINE.....	EA	4
13	14	PA0ZZ	5310-00-543-2410	96906	MS35338-40	WASHER, LOCK.....	EA	4
13	15	PA0ZZ	5310-00-934-9739	96906	MS35649-242	NUT, PLAIN, HEXAGON.....	EA	4

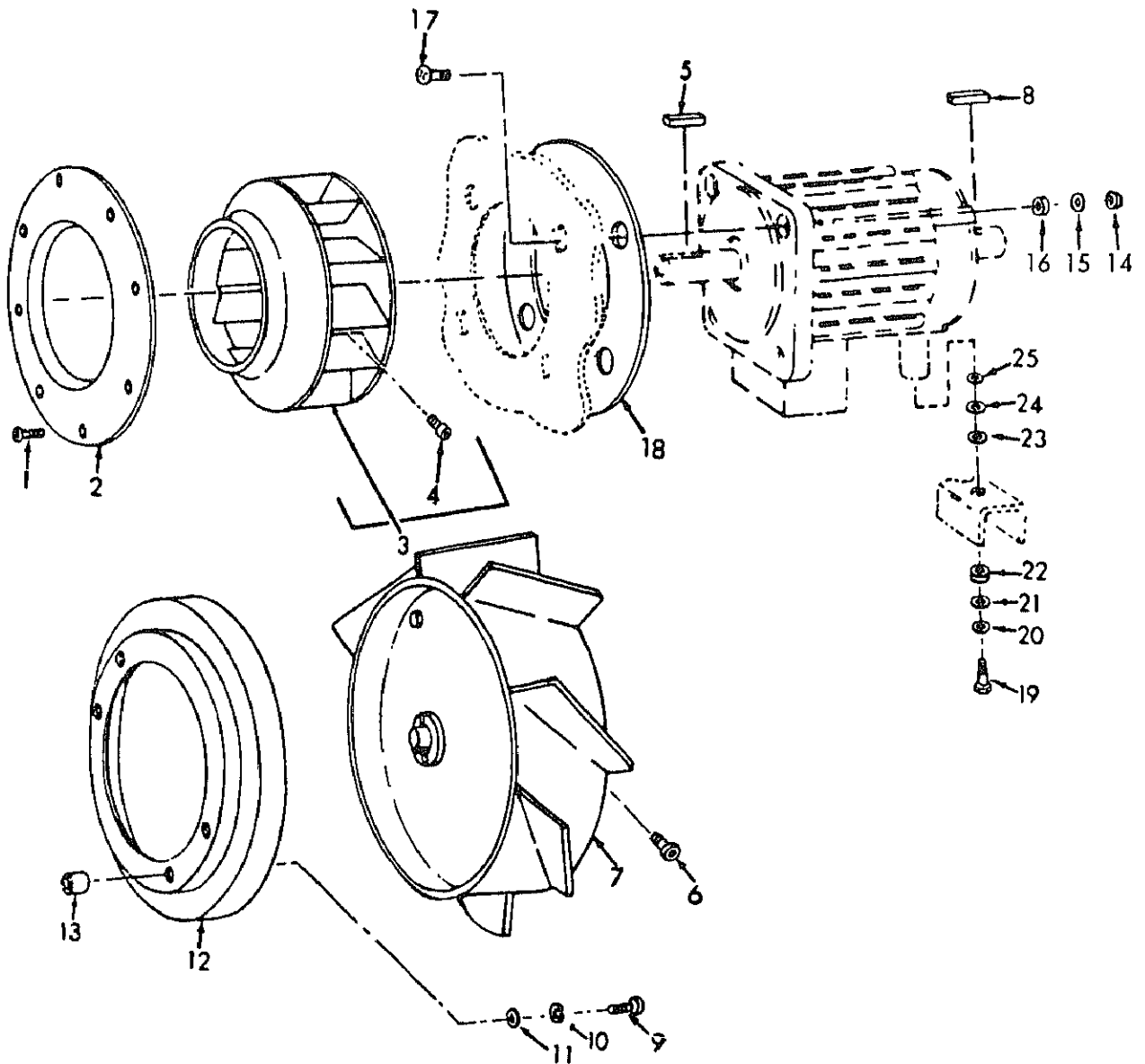


Figure 14. Fan and Baffle Assembly

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION	(7) U/M	(8) QTY INC IN UNIT
(a) FIG NO	(b) ITEM NO					USABLE ON CODE		
GROUP 07 FANS AND MOTOR								
14	1	PA0ZZ	5305-00-984-6193	96906	MS35206-245	SCREW, MACHINE.....	EA	8
14	2	XB0ZZ	6105-01-047-3844	97403	13211E8221	RING, INLET, FAN.....	EA	1
14	3	PA00Z	4140-00-550-2994	97403	13215E9868	IMPELLER, FAN, CENTRIFUGAL.....	EA	1
14	4	PA0ZZ	5305-00-983-8084	96906	MS16997-60	SCREW, CAP, SOCKET HEAD.....	EA	2
14	5	PA0ZZ	5315-00-730-4564	96906	MS20066-143	KEY, MACHINE.....	EA	1
14	6	PA0ZZ	5305-00-983-8084	96906	MS16997-60	SCREW, CAP, SOCKET HEAD.....	EA	2
14	7	PA0ZZ	4140-00-929-5561	97403	13211E8348	IMPELLER, FAN, AXIAL.....	EA	1
14	8	PA0ZZ	5315-00-730-4577	96906	MS20066-147	KEY, MACHINE.....	EA	1
14	9	PA0ZZ	5305-00-984-6195	96906	MS35206-247	SCREW, MACHINE.....	EA	4
14	10	PA0ZZ	5310-00-045-3299	96906	MS35338-42	WASHER, LOCK.....	EA	4
14	11	PA0ZZ	5310-00-765-3197	96906	MS27183-41	WASHER, FLAT.....	EA	4
14	12	XB0ZZ		97403	13211E3802	RAFFLE.....	EA	1
14	13	XB0ZZ	5365-01-090-2070	97403	13211E8376-5	SPACER, SLEEVE.....	EA	4
14	14	PA0ZZ	5310-00-061-7325	96906	MS21045-4	NUT, SELF-LOCKING, HEXAGON.....	EA	4
14	15	PA0ZZ	5310-00-809-4058	96906	MS27183-10	WASHER, FLAT.....	EA	4
14	16	PA0ZZ	5365-00-178-1364	97403	13211E8300-1	SPACER, SLEEVE.....	EA	4
14	17	PA0ZZ	5305-00-957-2640	96906	MS35191-294	SCREW, MACHINE.....	EA	4
14	18	XB0ZZ	4130-00-550-2855	97403	13211E8356	ISOLATOR, FAN MOTOR.....	EA	1
14	19	PA0ZZ	5305-00-881-0705	96906	MS51975-17	SCREW, SHOULDER.....	EA	2
14	20	PA0ZZ	5310-00-959-4675	96906	MS35340-46	WASHER, LOCK.....	EA	2
14	21	PA0ZZ	5310-00-080-6004	96906	MS27183-14	WASHER, FLAT.....	EA	2
14	22	PA0ZZ	5365-00-438-6882	97403	13211E8300-2	BUSHING, RUBBER.....	EA	2
14	23	PA0ZZ	5310-00-401-1420	97403	13215E9824-1	WASHER, RESILIENT.....	EA	2
14	24	PA0ZZ	5310-00-167-0767	81352	AN970-5	WASHER, FLAT.....	EA	2
14	25	PA0ZZ	5310-00-809-4061	96906	MS27183-15	WASHER, FLAT.....	EA	2

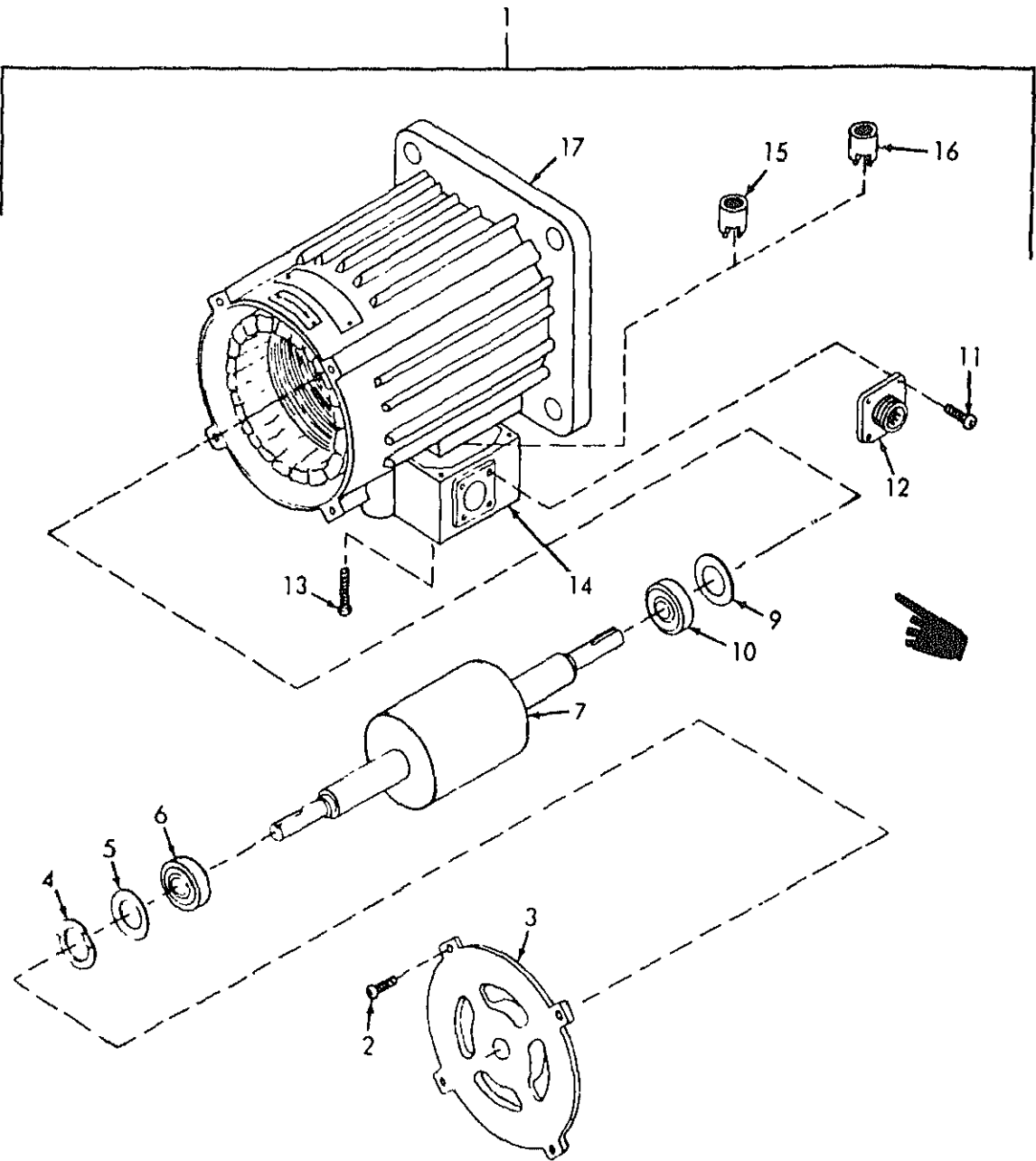


Figure 15. Motor Assembly



## SECTION II

TM 5-4120-344-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
15	1	PAOFF	6105-01-038-8309	97403	13214E3728-16	MOTOR, ALTERNATING CURRENT, PARTS THAT FOLLOW WILL ONLY FIT 4725-4 107639, LELAND MOTOR.....	EA	1
15	2	PAOZZ	5305-01-082-3309	07639	A16660	.SCREW, SELF-LOCKING, LELAND MOTOR.....	EA	4
15	3	XBOZZ		07639	B47-0006	.END BELL, LELAND MOTOR.....	EA	1
15	4	PAFZZ	5310-00-938-2082	64731	01-006424-025	.WASHER, FLAT LELAND MOTOR.....	EA	1
15	5	PAFZZ	5360-01-119-1329	07639	A164504	.SPRING, DISC, LELAND MOTOR.....	EA	1
15	6	PAFZZ		07639	A161124	.BEARING, LELAND MOTOR.....	EA	1
15	7	XBFZZ		07639	B475013	.SHAFT, ROTOR, LELAND MOTOR.....	EA	1
15	8					Deleted		
15	9	PAFZZ	5360-01-119-1329	07639	A164504	.SPRING, DISC, LELAND MOTOR.....	EA	1
15	10	PAFZZ		07639	A161124	.BEARING, LELAND MOTOR.....	EA	1
15	11	PAOZZ	5305-00-470-9738	07639	A14653	.SCREW, SELF-LOCKING, LELAND MOTOR.....	EA	40
15	12	PAOZZ	5935-00-754-5638	96906	MS3102R20-15P	.CONNECTOR, RECEPTACLE.....	EA	1
15	13	PAOZZ	5305-00-470-9738	07639	A14653	.SCREW, SELF-LOCKING, LELAND MOTOR.....	EA	4
15	14	XBOZZ		07639	A47-2001A	.PLATE, COVER, LELAND MOTOR.....	EA	1
15	15	PAFZZ	5930-01-118-8240	07639	A165040	.THERMOSTAT, LELAND MOTOR.....	EA	1
15	16	PAFZZ	5930-01-118-8241	07639	A16	.THERMOSTAT, LELAND MOTOR.....	EA	1
15	17	XAFZZ		07639	B476014	.FRAME, STATOR, LELAND MOTOR.....	EA	1

Change 1

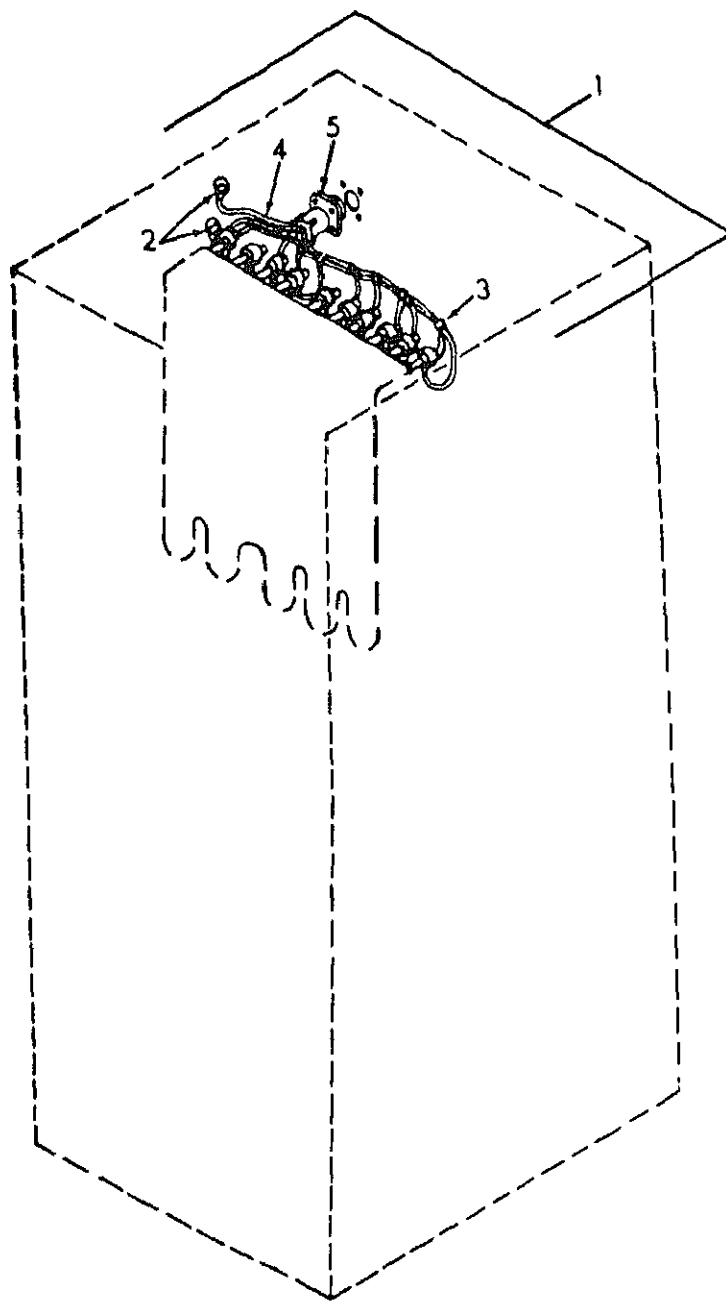


Figure 16. Heater and RFI Filter Wire Harness Assembly

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
						GROUP OR WIRING HARNESS		
16	1	X8000		97403	13215E9919	WIRING HARNESS, HEATER.....	EA	1
16	2	PA0ZZ	5940-00-143-4780	96906	MS25036-108	.TERMINAL,LJG.....	EA	12
16	3	PA0ZZ	5975-00-074-2072	96906	MS3367-1-9	.STRAP,CABLE.....	EA	4
16	4	MD000		97403	13215E9919-3	.WIRE,ELECTRICAL, WFD FROM: WIRE ELECTRICAL,MS016/2-16-9....	FT	15
16	5	PA0ZZ	5935-00-823-0272	96906	MS100R145-6 P	.CONNECTOR, RECEPTACLE.....	EA	1

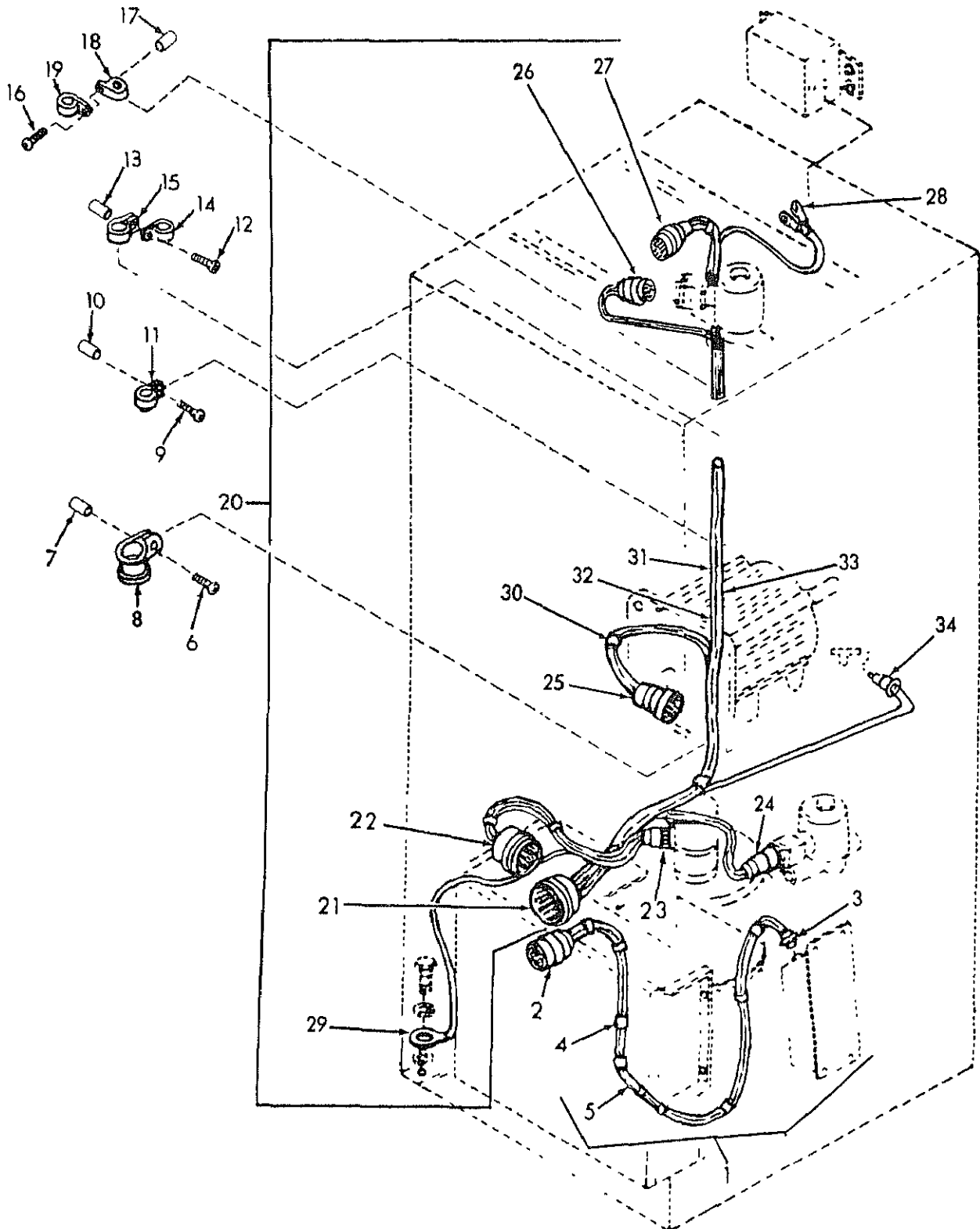


Figure 17. Wiring Harness and Clamp

(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
(a) FIG NO	(b) ITEM NO							
17	1	M0000		97403	13217E2342	WIRING HARNESS.....	EA	1
17	2	PA0ZZ	5935-00-846-2328	96906	MS3106R22-22S	.CONNECTOR, PLUG, ELECTRICAL.....	EA	1
17	3	PA0ZZ	5935-00-087-1667	96906	MS3106R22-22P	.CONNECTOR, PLUG, ELECTRICAL.....	EA	1
17	4	PA0ZZ	5975-00-074-2072	96906	MS3367-1-9	.STRAP, CABLE.....	EA	10
17	5	M0000		97403	13217E2342/3	WIRE, ELECTRICAL, MFD FROM: WIRE ELECTRICAL, MS086/1-10-9.....	FT	11
17	6	PA0ZZ	5305-00-995-3442	96906	MS35207-268	SCREW, MACHINE.....	EA	4
17	7	XB0ZZ		97403	13211E8376-1	SPACER.....	EA	4
17	8	PA0ZZ	5340-00-726-9316	96906	MS2191908	CLAMP, LOOP.....	EA	2
17	9	PA0ZZ	5305-00-995-3442	96906	MS35207-268	SCREW, MACHINE.....	EA	1
17	10	XB0ZZ		97403	13211E8376-1	SPACER.....	EA	1
17	11	PA0ZZ	5340-00-726-9316	96906	MS2191908	CLAMP, LOOP.....	EA	1
17	12	PA0ZZ	5305-00-995-3442	96906	MS35207-268	SCREW, MACHINE.....	EA	1
17	13	XB0ZZ		97403	13211E8376-1	SPACER.....	EA	1
17	14	PA0ZZ	5340-00-253-5335	96906	MS2110402	CLAMP, LOOP.....	EA	2
17	15	PA0ZZ	5340-00-290-0781	96906	MS2191906	CLAMP, LOOP.....	EA	1
17	16	PA0ZZ	5305-00-995-3442	96906	MS35207-268	SCREW, MACHINE.....	EA	1
17	17	XB0ZZ		97403	13211E8376-1	SPACER.....	EA	1
17	18	PA0ZZ	5340-00-253-5335	96906	MS2110402	CLAMP, LOOP.....	EA	1
17	19	PA0ZZ	5340-00-143-0083	96906	MS2110405	CLAMP, LOOP.....	EA	1
17	20	M000Z		97403	13215E9918	WIRING HARNESS.....	EA	1
17	21	PA0ZZ	5935-00-846-5602	96906	MS3106R36-7P	.CONNECTOR, PLUG, ELECTRICAL.....	EA	1
17	22	PA0ZZ	5935-00-682-0552	96906	MS3106R28-11S	.CONNECTOR, PLUG, ELECTRICAL.....	EA	1
17	23	PA0ZZ	5935-00-816-8646	96906	MS3106R20-15S	.CONNECTOR, PLUG, ELECTRICAL.....	EA	1
17	24	PA0ZZ	5935-00-725-4638	96906	MS3106R125-3S	.CONNECTOR, PLUG, ELECTRICAL.....	EA	1
17	25	PA0ZZ	5935-00-846-2329	96906	MS3106R20-27S	.CONNECTOR, PLUG, ELECTRICAL.....	EA	1
17	26	PA0ZZ	5935-00-725-4638	96906	MS3106R125-3S	.CONNECTOR, PLUG, ELECTRICAL.....	EA	1
17	27	PA0ZZ	5935-00-721-0488	96906	MS3106R145-6S	.CONNECTOR, PLUG, ELECTRICAL.....	EA	1
17	28	PA0ZZ	5940-00-143-4774	96906	MS25036-153	.TERMINAL, LJG.....	EA	2
17	29	PA0ZZ	5940-00-143-4777	96906	MS25036-157	.TERMINAL, LJG.....	EA	1
17	30	PA0ZZ	5975-00-074-2072	96906	MS3367-1-9	.STRAP, CABLE.....	EA	42
17	31	M0000		97403	13215E9918/12	.WIRE, ELECTRICAL, MFD FROM: WIRE, ELECTRICAL, MS086/2-12-9.....	FT	18
17	32	M0000		97403	13215E9918/13	.WIRE, ELECTRICAL, MFD FROM: WIRE, ELECTRICAL, MS086/2-14-9.....	FT	6
17	33	M0000		97403	13215E9918-11	.WIRE, ELECTRICAL, MFD FROM: WIRE, ELECTRICAL, MS086/2-16-9.....	FT	280
17	34	PAFZZ	5930-01-100-4106	97403	13221E9273-1	SWITCH, PRESSURE.....	EA	1
GROUP 09 BULK MATERIALS								
BJLK	PAFZZ	4710-00-424-2694	81346	ASTM-B280-1/2	TUBE, COPPER, .500 OD X .032 WALL.....	FT	V	
BULK	PAFZZ	4710-00-203-3171	81346	ASTM-B280-1/4	TUBE, COPPER, .250 OD X .030 WALL.....	FT	V	
BJLK	PAFZZ	4710-00-640-1106	81346	ASTM-B280-3/4	TUBE, COPPER, .750 OD X .042 WALL.....	FT	V	
BJLK	PAFZZ	4710-00-203-3172	81346	ASTM-B280-375 OD	TUBE, COPPER, .375 OD X .032 WALL.....	RC	V	
BJLK	PAFZZ	4710-00-277-4508	81346	ASTM-B280-5/8	TUBE, COPPER, .625 OD X .032 WALL.....	FT	V	

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
BULK		PAFZZ		81346	ASTM-B75 X .156 OD X .025	TUBE,COPPER, .156 OD X .025 WALL.....	EA	V
BULK		PAQZZ	6145-01-578-7513	81349	M5086/2-10-9	WIRE,ELECTRICAL, COPPER, AIRCRAFT, 105 DEG.C, TYPE II, AN10 WIRE SIZE, MIL-W-5086-2.....	FT	V
BULK		PAQZZ	6145-01-578-7514	81349	M5086/2-12-9	WIRE,ELECTRICAL, COPPER, AIRCRAFT, 105 DEG.C, TYPE II, AN12 WIRE SIZE, MIL-W-5086-2.....	FT	V
BULK		PAQZZ	6145-00-578-6604	81349	M5086/2-14-9	WIRE,ELECTRICAL, COPPER, AIRCRAFT, 105 DEG.C, TYPE II, AN14 WIRE SIZE, MIL-W-5086-2.....	FT	V
BULK		PAQZZ	6145-00-578-6605	81349	M5086/2-16-9	WIRE,ELECTRICAL, COPPER, AIRCRAFT, 105 DEG.C, TYPE II, AN16 WIRE SIZE, MIL-W-5086-2.....	FT	V
BULK		PAQZZ		81349	MIL-I-145118X.125 X 24.00	INSULATION, PLASTIC, .125 THK.....	FT	V
BULK		PAQZZ	5640-01-031-1261	81349	MIL-I-145118X.250 X 18.00	INSULATION, PLASTIC, .250 IN THK.....	FT	V
BULK		PAQZZ	5640-01-031-1262	81349	MIL-I-145118X.500 X 18.00	INSULATION, PLASTIC, .500 IN THK.....	FT	V
BULK		PAQZZ	5970-00-088-2975	81349	MIL-I-23053/5-10 4-9	INSULATION, SLVG. .125 STOCK X .75 LONG.....	FT	V
BULK		PAQZZ	5970-00-082-3942	81349	MIL-I-23053/5-10 5-9	INSULATION, SLVG. .187 STOCK X .75 LONG.....	FT	V
BULK		PAQZZ	5970-00-814-2878	81349	MIL-I-23053/5-10 6-9	INSULATION, SLVG. .250 STOCK X .75 LONG.....	FT	V
BULK		PAQZZ		81349	MIL-I-695B TYPE RP FORM 5 X.010	INSULATION, SHEET.....	FT	V
BULK		PAQZZ	5640-00-181-9331	81349	MIL-P-15280H FOR M1.62510X.50 WALL	PLASTIC MATERIAL.....	SH	V
BULK		PAQZZ	5330-00-060-9360	81349	MIL-R-900F FORMS HX.030THK	RUBBER, SHEET, .030 STOCK X 4.00 X 3.00 MINIMUM.....	SH	V
BULK		PAQZZ	9320-01-048-2933	81349	MIL-R-6130CTY2GR ACONOS.125STK	RUBBER STRIP .125 STK.....	FT	V
BULK		PAQZZ	9320-01-048-2936	81349	MIL-R-6130CTY2GR ACONOS.250STK	RUBBER STRIP .250 STK.....	FT	V
BULK		PAQZZ		81349	MIL-T-22085C TY3X 11X60YD5	TAPE, ADHESIVE.....	RL	V
BULK		PAQZZ		81348	QQ-B-575B-R-32-T -500	BRAID, WIRE.....	RL	V
BULK		XBQZZ		81349	RR-W-360ATYICLIF 1NALL100MES4X4	WIRE, FABRIC, 14.00 X 16.00 REQUIRED FOR MEST ELIM.....	FT	V
BULK		PAQZZ	4720-00-269-7060	81343	SAE 20R3 CLASS R GRADE 1A	HEATER HOSE.....	FT	V
BULK		PAQZZ	5999-00-465-4800	12881	01-0401-0888	WIRE MESH, KNITTED.....	TA	V

SECTION IV	PHN		1 OF K42CEN4164R		TM 5-412C-344-24P
	NATIONAL STOCK NUMBER AND PART		NUMBER INDEX		
STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5945-00-007-7669	4	67	5940-00-143-4794	4	95
5310-00-014-5850	4	3	5310-00-143-6203	2	70
5310-00-014-5850	4	39	4730-00-143-8433	9	30
5310-00-043-0520	9	22	4730-00-143-8933	10	18
5310-00-043-0520	9	40	5940-00-150-4682	4	85
5310-00-045-3299	2	85	5340-00-151-5997	9	7
5310-00-045-3299	2	88	5340-00-151-5997	10	14
5310-00-045-3299	9	15	5305-00-163-8349	2	17
5310-00-045-3299	10	2	5970-00-165-7470	4	28
5310-00-045-3299	10	20	9905-00-165-7472	1	7
5310-00-045-3299	10	95	9905-00-165-7474	1	14
5310-00-045-3299	14	10	5310-00-167-0767	7	5
5310-00-045-4007	4	24	5310-00-167-0767	14	24
5310-00-045-4007	4	38	5310-00-167-0768	7	2
5310-00-045-4007	7	11	5330-00-170-0127	2	67
5310-00-045-4007	8	7	5355-00-171-2442	4	1
5310-00-045-4007	10	7	5999-00-172-8273	2	77
4130-00-056-4593	13	6	5999-00-172-8273	2	78
5305-00-059-4552	4	62	5999-00-172-8273	2	103
5305-00-059-4553	8	2	5325-00-174-5315	10	9
5330-00-060-9360	BULK		5365-00-178-1364	14	16
5310-00-061-7325	14	14	5640-00-181-9331	BULK	
5310-00-061-7326	4	37	5310-00-187-2354	2	97
5310-00-061-7326	5	21	4730-00-169-2737	10	8
5305-00-068-0514	2	96	4730-00-189-2737	10	28
6680-00-073-8404	10	23	4730-00-189-2739	9	20
820-00-073-8405	9	31	4730-00-189-2739	9	28
975-00-074-2072	4	80	4710-00-203-3171	BULK	
975-00-074-2072	5	35	4710-00-203-3172	BULK	
975-00-074-2072	10	3	4610-00-223-6937	11	16
975-00-074-2072	17	4	4810-00-223-6937	12	16
975-00-074-2072	17	30	5315-00-234-1856	2	27
5340-00-078-3615	4	7	5315-00-234-1856	2	35
5330-00-079-7838	11	5	5306-00-235-4727	7	1
5330-00-079-7838	12	5	5925-00-236-2350	4	25
5310-00-080-6004	5	15	5930-00-236-2351	5	13
5310-00-080-6004	14	21	5330-00-239-4922	10	64
5310-00-082-1404	3	3	5360-00-240-6526	2	28
5970-00-082-3942	BULK		5360-00-240-6526	2	36
935-00-087-1667	17	3	5950-00-242-9749	11	12
5310-00-087-7493	9	4	5950-00-242-9749	12	12
5310-00-088-0551	11	2	5905-00-252-1047	5	16
5310-00-088-0551	12	2	5340-00-253-5335	17	14
970-00-088-2975	BULK		5340-00-253-5335	17	18
5305-00-088-8923	9	21	5325-00-254-4718	5	3
5305-00-088-8923	9	39	4730-00-254-6424	10	59
5310-00-089-6304	9	75	4730-00-263-6471	10	53
5340-00-103-2976	5	9	5325-00-263-6632	8	8
5340-00-106-0551	10	46	5305-00-267-8953	2	94
4130-00-106-1972	13	10	4720-00-269-7060	BULK	
961-00-106-5259	4	68	5930-00-275-7800	8	10
4130-00-106-5657	2	116	5325-00-276-6087	10	29
5320-00-117-6828	1	11	4710-00-277-4508	BULK	
5320-00-117-6828	2	51	4730-00-277-7922	10	36
5320-00-117-6938	2	100	4730-00-277-7922	10	43
5320-00-117-6938	4	71	5920-00-280-3175	4	60
5320-00-117-6938	4	76	5940-00-283-5280	4	83
5320-00-117-6938	6	4	5940-00-283-5280	5	32
5320-00-117-6938	9	54	5325-00-286-6047	10	33
5320-00-117-6938	10	76	5340-00-286-9423	10	69
5320-00-117-6938	10	81	4730-00-289-0365	10	92
5320-00-117-6942	2	8	4730-00-289-4202	10	87
5330-00-119-7503	4	57	5340-00-290-0781	17	15
5330-00-119-7503	10	74	5340-00-291-5323	10	45
5330-00-119-7503	10	79	5325-00-291-9366	10	32
4110-00-136-2696	2	29	5340-00-302-1415	2	118
4110-00-136-2696	2	37	4130-00-307-0519	2	63
5935-00-137-4670	6	8	4130-00-307-0520	2	91
4130-00-139-3372	7	7	5310-00-401-1420	14	23
5340-00-143-0083	17	19	5310-00-401-3365	7	3
5940-00-143-4774	4	84	5330-00-402-4645	11	15
5940-00-143-4774	5	33	5330-00-402-4645	12	15
5940-00-143-4774	6	12	4730-00-408-4566	10	63
5940-00-143-4774	17	28	5330-00-409-3350	10	25
5940-00-143-4777	17	29	3120-00-410-6718	7	4
5940-00-143-4780	4	82	4710-00-424-2694	BULK	
5940-00-143-4780	5	31	5945-00-430-6933	4	45
5940-00-143-4780	13	11	5940-00-432-2660	4	86
5940-00-143-4780	16	2	5305-00-432-4164	7	10
5940-00-143-4794	4	81	4810-00-433-0763	11	7

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
4810-00-433-0763	14	7	5310-00-809-8546	5	22
5950-00-433-6017	4	27	4730-00-809-9669	10	90
5365-00-438-6882	14	22	5970-00-814-2878	BULK	
4730-00-445-0594	10	42	4730-00-815-5664	9	18
2990-00-451-4838	4	4	5935-00-816-8646	17	23
5999-00-465-4800	BULK		5935-00-818-7448	5	39
5305-00-470-9738	15	11	4730-00-821-3037	10	37
5305-00-470-9738	15	13	4730-00-821-9184	9	34
5310-00-481-6295	2	102	4730-00-822-1274	10	17
5310-00-530-9963	2	3	4730-00-822-1275	9	13
5310-00-530-9963	2	11	4730-00-822-1275	9	16
5310-00-530-9963	2	45	4730-00-822-1277	10	88
5310-00-543-2009	2	92	4730-00-822-1277	10	93
5310-00-543-2410	2	95	4730-00-822-1278	10	89
5310-00-543-2410	2	40	5935-00-823-0272	16	5
5310-00-543-2410	2	55	5935-00-824-7883	4	79
5310-00-543-2410	2	59	5330-00-828-3628	3	6
5310-00-543-2410	6	7	5330-00-828-3628	5	20
5310-00-543-2410	7	17	5330-00-836-4356	3	11
5310-00-543-2410	14	14	5330-00-836-4356	4	36
5945-00-549-6348	4	42	5330-00-836-4356	6	9
5310-00-550-1130	4	13	5330-00-838-6935	4	32
4130-00-550-2855	14	18	5320-00-845-9501	1	6
4130-00-550-2856	10	72	5320-00-845-9501	1	9
4130-00-550-2857	9	56	5320-00-845-9501	1	13
4140-00-550-2994	14	3	5320-00-845-9501	1	15
4130-00-550-2995	3	1	5320-00-845-9501	1	17
5940-00-557-1629	4	47	5320-00-845-9501	1	19
4130-00-572-4709	9	27	5935-00-846-2328	1	1
6145-00-578-6604	BULK		5935-00-846-2328	6	12
6145-00-578-6605	BULK		5935-00-846-2328	17	2
6145-00-578-7513	BULK		5935-00-846-2329	17	25
6145-00-578-7514	BULK		5935-00-846-5602	17	21
5320-00-582-3298	4	22	5935-00-853-2543	6	11
5320-00-582-3305	5	28	5310-00-853-4488	2	71
5320-00-582-3501	4	74	5940-00-859-4475	5	34
5310-00-582-5965	9	23	5320-00-874-4477	2	80
5310-00-582-5965	9	25	5310-00-877-5798	2	48
5310-00-582-5965	9	41	4130-00-878-0103	13	5
5310-00-582-5965	9	43	5310-00-880-7744	7	6
5310-00-582-5965	10	62	5310-00-880-9344	2	18
5310-00-623-5989	4	72	5310-00-880-9344	4	12
5310-00-623-5989	6	4	5310-00-880-9344	4	16
5310-00-623-5989	9	55	5310-00-880-9344	13	4
5310-00-623-5989	10	77	5305-00-881-0705	14	19
5310-00-623-5989	10	82	5310-00-889-2543	3	7
5310-00-627-6128	5	14	5310-00-889-2543	4	33
4730-00-640-0311	10	55	5310-00-889-2543	4	50
710-00-640-1106	BULK		5310-00-889-2544	3	2
310-00-655-5873	4	77	5310-00-889-2544	4	61
935-00-682-0552	17	22	5310-00-889-2544	4	66
930-00-683-1628	5	17	5310-00-889-2544	5	18
730-00-707-6946	10	83	5310-00-889-2549	4	29
730-00-707-6950	10	52	5310-00-889-2549	4	41
730-00-707-6950	10	94	5310-00-889-2549	5	6
935-00-721-0488	17	27	5310-00-889-2549	5	10
325-00-724-7655	2	93	5310-00-889-2549	13	8
935-00-725-4638	17	24	5305-00-889-2999	2	39
935-00-725-4638	17	26	5305-00-889-2999	6	5
310-00-726-9076	8	5	5305-00-889-2999	7	15
340-00-726-9316	17	8	5305-00-889-2999	13	13
340-00-726-9316	17	11	5305-00-889-3000	8	1
315-00-730-4564	14	5	5305-00-889-3000	10	39
315-00-730-4577	14	8	5305-00-889-3001	3	4
935-00-754-5638	7	19	5305-00-889-3001	5	19
935-00-754-5638	15	12	4130-00-889-9283	2	114
130-00-764-9206	2	86	4730-00-908-3195	-2	31
310-00-765-3197	4	3	4730-00-908-3195	2	23
310-00-765-3197	4	89	4820-00-909-3717	10	41
310-00-765-3197	4	30	5930-00-911-9095	8	9
310-00-765-3197	10	3	5355-00-916-2060	5	4
5310-00-765-3197	14	11	5360-00-917-4503	2	119
5310-00-777-5793	2	99	4130-00-922-2439	2	115
310-00-802-8544	5	24	5930-00-923-4176	5	12
935-00-804-5816	4	94	5940-00-926-0085	4	87
305-00-808-7834	2	54	4140-00-929-5561	14	7
105-00-808-7834	2	58	5310-00-934-9739	2	41
10-00-809-3078	4	69	5310-00-934-9739	2	56
10-00-809-4058	14	15	5310-00-934-9739	2	60
10-00-839-4061	14	25	5310-00-934-9739	6	6



## SECTION 1V

## NATIONAL STOCK NUMBER AND PART NUMBER INDEX

TM 5-412(-344-24P

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5310-00-934-5739	7	16	5305-00-993-2461	9	24
5310-00-934-9739	13	15	5305-00-993-2461	9	42
5310-00-934-9751	4	2	5305-00-993-2461	9	44
5310-00-934-5751	5	23	5305-00-995-3441	9	5
5365-00-936-9695	15	8	5305-00-995-3442	9	9
5310-00-938-2082	15	4	5305-00-995-3442	9	35
5325-00-938-5913	2	2	5305-00-995-3442	10	12
5325-00-938-5913	2	10	5305-00-995-3442	10	44
5920-00-939-5442	4	59	5305-00-995-3442	10	68
5325-00-940-7988	7	23	5305-00-995-3442	17	6
5310-00-950-1310	2	52	5305-00-995-3442	17	9
5310-00-950-1310	3	8	5305-00-995-3442	17	12
5310-00-950-1310	4	34	5305-00-995-3442	17	16
5310-00-950-1310	4	44	5305-00-995-3444	4	40
5310-00-950-1310	4	54	5305-00-995-3444	5	25
5340-00-952-7009	10	40	4130-01-011-1217	2	79
5325-00-954-3832	2	44	4820-01-015-6690	10	4
5305-00-957-2640	14	17	4820-01-017-4248	10	65
5310-00-958-5321	2	121	5305-01-018-5599	4	11
4730-00-959-2329	2	111	5305-01-018-5599	4	15
5310-00-959-4675	9	3	5310-01-021-3448	2	113
5310-00-959-4675	10	66	9525-01-031-1086	2	81
5310-00-959-4675	14	20	5640-01-031-1261	BULK	
5305-00-978-9385	10	61	5640-01-031-1262	BULK	
4130-00-981-6615	2	15	4730-01-037-4919	10	86
5305-00-983-6730	3	9	6105-01-038-8309	15	1
5305-00-983-6730	4	35	5340-01-039-0103	13	1
5305-00-983-6730	4	43	5305-01-040-1488	9	2
5305-00-983-6730	4	51	5305-01-040-1488	10	30
5305-00-983-8084	14	4	5975-01-045-9683	4	14
5305-00-983-8084	14	6	6105-01-047-3844	14	2
5305-00-984-4976	4	53	4130-01-047-8362	2	1
5305-00-984-4979	11	3	9320-01-048-2933	BULK	
5305-00-984-4979	12	3	9320-01-048-2936	BULK	
5305-00-984-4982	4	23	5915-01-051-2774	6	3
5305-00-984-4983	10	6	4130-01-051-7426	1	5
5305-00-984-4984	8	8	3040-01-053-0566	4	8
5305-00-984-4988	4	65	9905-01-053-5362	2	7
5305-00-984-6192	5	5	5330-01-054-1553	4	17
5305-00-984-6192	5	11	5930-01-054-4120	13	9
5305-00-984-6192	9	14	5961-01-054-4150	4	49
5305-00-984-6192	10	96	4120-01-054-6534	2	9
5305-00-984-6193	1	2	4820-01-055-1283	5	1
5305-00-984-6193	2	62	5961-01-055-2188	4	46
5305-00-984-6193	2	66	9905-01-055-6368	1	20
5305-00-984-6193	10	21	9905-01-055-6370	5	24
5305-00-984-6193	13	7	4120-01-062-0698	5	2
5305-00-984-6193	14	1	9905-01-066-9540	4	21
5305-00-984-6194	5	8	5935-01-073-3470	3	5
5305-00-984-6195	2	64	5305-01-082-3309	15	2
5305-00-984-6195	2	84	5365-01-090-2370	14	13
5305-00-984-6195	4	31	4730-01-092-3835	10	5
5305-00-984-6195	10	1	5340-01-094-4587	2	50
5305-00-984-6195	14	9	5930-01-100-4106	8	14
5305-00-984-6196	2	87	5930-01-100-4106	17	34
5305-00-984-7341	2	47	4130-01-104-0783	7	8
5305-00-989-6265	4	56	5925-01-105-1398	4	28
5305-00-989-7434	9	50	4130-01-108-0773	2	16
5305-00-989-7434	10	70	4130-01-114-1989	10	10
5305-00-989-7434	10	73	5999-01-118-3786	2	1
5305-00-989-7434	10	78	5930-01-118-8240	15	1
5305-00-989-7435	5	1	5930-01-118-8241	15	1
5305-00-989-7435	6	1	5305-01-119-1329	15	
5325-00-990-4249	1	4	5305-01-119-1329	15	
5305-00-990-6444	4	6	5310-01-119-9346	2	10
5305-00-993-1848	2	108			

FSCM	PART NUMBER	FIGURE NO.	ITEM NO.	FSCM	PART NUMBER	FIGURE NO.	ITEM NO.
81352	AN960PD416	2	97	81346	ASTM8280-17500	BULK	7
81352	AN970-5	7	5	10855	AU02AA131	15	11
81352	AN970-5	14	24	07639	A14653	15	13
81352	AN970-6	7	2	07639	A14653	15	2
81346	ASTM-B280-1/2	BULK		07639	A14660	15	16
81346	ASTM-B280-1/4	BULK		07639	A16	15	6
81346	ASTM-B280-3/4	BULK		07639	A161124	15	10
81346	ASTM-B280-5/8	BULK		07639	A161124	15	5
81346	ASTM-B75 X .150 W X .025	BULK		07639	A164504	15	

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FSCM	PART NUMBER	FIGURE ITEM		FSCM	PART NUMBER	FIGURE ITEM	
		NO.	NC.			NO.	NC.
07639	A164504	15	9	96906	MS2110406	9	11
07639	A165C40	15	15	96906	MS2110408	9	37
41625	A37693	4	4	96906	MS21105-6	5	9
07639	A47-2301A	15	14	96906	MS21315-22	10	40
41625	B43310-1	4	1	96906	MS21322-33	4	7
07639	B47-C306	15	3	96906	MS2191906	17	15
07639	B475013	15	7	96906	MS2191908	17	8
07639	B476014	15	17	96906	MS2191908	17	11
78553	C22146-017-1	2	120	96906	MS21919WDF6	10	69
81349	FJ9B250V1-6/1JA	4	60	96906	MS21919WDF6	10	45
10855	HT32AZ232	7	9	96906	MS24192-D1	4	42
10855	KA90EC080	7	8	96906	MS24523-22	5	17
81349	MIL-I-14511BX.125 X 24.00	BULK		96906	MS24586-L60	2	119
81349	MIL-I-14511BX.250 X 18.00	BULK		96906	MS24665-155	2	27
81349	MIL-I-14511BX.500 X 18.00	BULK		96906	MS24665-155	2	35
81349	MIL-I-23053/5-104-9	BULK		96906	MS24693-5272	9	51
81349	MIL-I-23053/5-105-9	BULK		96906	MS24693-56	2	54
81349	MIL-I-23053/5-106-9	BULK		96906	MS24693-56	2	58
81349	MIL-I-695B TYPE RP FORM 5 X.010	BULK		96906	MS25036-106	4	83
81349	MIL-P-1528JH FORMT.62510X.50XALL	BULK		96906	MS25036-106	5	32
81349	MIL-P-514	1	12	96906	MS25036-108	4	82
81349	MIL-R-6130C TY2GR ALUNUS.225STK	BULK		96906	MS25036-108	5	31
81349	MIL-R-6130C TY2GR ALUNUS.250STK	BULK		96906	MS25036-108	13	11
81349	MIL-R-900F FORMSHX.030THK	BULK		96906	MS25036-108	16	2
81349	MIL-T-22085C TY3X11XAGUYUS	BULK		96906	MS25036-112	4	81
81349	MIL-T-55164/1	4	55	96906	MS25036-112	4	95
81349	MS086/2-16-9	BULK		96906	MS25036-112	4	47
96906	MS15795-709	5	24	96906	MS25036-153	4	84
96906	MS15795-710	2	95	96906	MS25036-153	5	33
96906	MS16997-60	14	4	96906	MS25036-153	8	12
96906	MS16997-60	14	6	96906	MS25036-153	17	28
96906	MS16997-62	10	61	96906	MS25036-157	17	29
96906	MS20466-143	14	5	96906	MS25043-220	6	8
96906	MS20466-147	14	8	96906	MS27130-A14K	2	113
96906	MS20426AD3-4	2	100	96906	MS27130-S26K	2	121
96906	MS20426AD3-4	4	71	96906	MS27183-10	14	15
96906	MS20426AD3-4	4	76	96906	MS27183-11	4	69
96906	MS20426AD3-4	8	4	96906	MS27183-13	9	4
96906	MS20426AD3-4	9	54	96906	MS27183-14	5	15
96906	MS20426AD3-4	10	76	96906	MS27183-14	14	21
96906	MS20426AD3-4	10	81	96906	MS27183-15	14	25
96906	MS20426AD3/8	2	8	96906	MS27183-4	2	52
96906	MS2047JAD4-6	1	11	96906	MS27183-4	3	8
96906	MS2047JAD4-6	2	51	96906	MS27183-4	4	34
96906	MS20600AD4H-3	5	28	96906	MS27183-4	4	44
96906	MS20600AD43	2	117	96906	MS27183-4	4	54
96906	MS20600B4W2	4	22	96906	MS27183-41	1	3
96906	MS20600B4W4	1	6	96906	MS27183-41	2	89
96906	MS20600B4W4	1	9	96906	MS27183-41	4	30
96906	MS20600B4W4	1	13	96906	MS27183-41	10	3
96906	MS20600B4W4	1	15	96906	MS27183-41	14	11
96906	MS20600B4W4	1	17	96906	MS27183-42	4	3
96906	MS20600B4W4	1	19	96906	MS27183-42	4	39
96906	MS20601AD4W2	4	74	96906	MS27183-6	3	3
96906	MS20955AB32	2	81	96906	MS27183-8	5	22
96906	MS21044-N04	12	2	96906	MS3100R145-6P	16	5
96906	MS21044-N04	11	2	96906	MS3100R22-22P	6	11
96906	MS2104403	2	48	96906	MS3102R125-3P	11	4
96906	MS21045-04	3	7	96906	MS3102R125-3P	12	4
96906	MS21045-04	4	33	96906	MS3102R20-15P	7	19
96906	MS21045-04	4	50	96906	MS3102R20-15P	15	12
96906	MS21045-06	3	2	96906	MS3102R22-22P	4	94
96906	MS21045-06	4	61	96906	MS3102R28-11P	5	39
96906	MS21045-06	4	66	96906	MS3102R36-7S	4	79
96906	MS21045-06	5	18	96906	MS3106R125-3S	17	24
96906	MS21045-08	4	29	96906	MS3106R125-3S	17	26
96906	MS21045-08	4	41	96906	MS3106R145-6S	17	27
96906	MS21045-08	5	6	96906	MS3106R20-15S	17	23
96906	MS21045-08	5	10	96906	MS3106R20-27S	17	25
96906	MS21045-08	13	8	96906	MS3106R22-22P	17	3
96906	MS21045-3	4	37	96906	MS3106R22-22S	1	4
96906	MS21045-3	5	21	96906	MS3106R22-22S	6	12
96906	MS21045-4	14	14	96906	MS3106R22-22S	17	2
96906	MS21045-06	8	5	96906	MS3106R28-11S	17	22
96906	MS21104010	10	46	96906	MS3106R36-7P	17	21
96906	MS2110402	17	14	96906	MS3367-1-9	4	80
96906	MS2110402	17	18	96906	MS3367-1-9	5	35
96906	MS2110404	9	7	96906	MS3367-1-9	16	3
96906	MS2110404	10	14	96906	MS3367-1-9	17	4
96906	MS2110405	17	19	96906	MS3367-1-9	17	30

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FSCM	PART NUMBER	FIGURE ITEM		FSCM	PART NUMBER	FIGURE ITEM	
		NO.	AC.			NO.	AC.
96906	MS35190-237	4	62	96906	MS35338-42	2	88
96906	MS35190-238	8	2	96906	MS35338-42	9	15
96906	MS35191-273	2	47	96906	MS35338-42	10	2
96906	MS35191-294	14	17	96906	MS35338-42	10	20
96906	MS35206-217	2	39	96906	MS35338-42	10	95
96906	MS35206-217	6	5	96906	MS35338-42	14	10
96906	MS35206-217	7	15	96906	MS35338-44	9	23
96906	MS35206-217	13	13	96906	MS35338-44	5	25
96906	MS35206-218	3	9	96906	MS35338-44	9	41
96906	MS35206-218	4	35	96906	MS35338-44	9	43
96906	MS35206-218	4	43	96906	MS35338-44	10	62
96906	MS35206-218	4	51	96906	MS35340-46	9	3
96906	MS35206-219	4	53	96906	MS35340-46	10	66
96906	MS35206-222	11	3	96906	MS35340-46	14	20
96906	MS35206-222	12	3	96906	MS35489-1	10	33
96906	MS35206-225	4	23	96906	MS35489-11	10	32
96906	MS35206-226	10	6	96906	MS35489-37	7	23
96906	MS35206-227	8	6	96906	MS35489-6	8	8
96906	MS35206-228	4	65	96906	MS35489-7	10	9
96906	MS35206-230	8	1	96906	MS35489-8	10	29
96906	MS35206-230	10	39	96906	MS35649-242	2	41
96906	MS35206-231	3	4	96906	MS35649-242	2	56
96906	MS35206-231	5	19	96906	MS35649-242	2	60
96906	MS35206-244	5	5	96906	MS35649-242	6	6
96906	MS35206-244	5	11	96906	MS35649-242	7	16
96906	MS35206-244	9	14	96906	MS35649-242	13	15
96906	MS35206-244	10	96	96906	MS35650-302	4	2
96906	MS35206-245	1	2	96906	MS35650-302	5	23
96906	MS35206-245	2	62	96906	MS35650-3252	9	22
96906	MS35206-245	2	66	96906	MS35650-3252	9	40
96906	MS35206-245	10	21	96906	MS35792-1	2	50
96906	MS35206-245	14	1	96906	MS35842-10	-2	31
97403	MS35206-245	13	7	96906	MS35842-10	2	23
96906	MS35206-246	5	8	96906	MS35871-2-2F	10	87
96906	MS35206-247	2	64	96906	MS35872-2	10	8
96906	MS35206-247	2	84	96906	MS35872-2	10	28
96906	MS35206-247	4	31	96906	MS35872-3	9	20
96906	MS35206-247	10	1	96906	MS35872-3	9	28
96906	MS35206-247	14	9	96906	MS35919-22	10	86
96906	MS35206-248	2	87	96906	MS49005-7	2	111
96906	MS35207-261	4	6	96906	MS51007-1	7	18
96906	MS35207-262	4	56	96906	MS51007-10	3	6
96906	MS35207-263	9	50	96906	MS51007-10	5	20
96906	MS35207-263	10	70	96906	MS51007-13	4	32
96906	MS35207-263	10	73	96906	MS51007-3	11	5
96906	MS35207-263	10	78	96906	MS51007-3	12	5
96906	MS35207-264	5	1	96906	MS51007-8	3	11
96906	MS35207-264	6	1	96906	MS51007-8	4	36
96906	MS35207-265	2	108	96906	MS51007-8	6	9
96906	MS35207-266	4	40	96906	MS51861-25	7	10
96906	MS35207-266	5	25	96906	MS51967-5	7	6
96906	MS35207-268	9	9	96906	MS51975-17	14	19
96906	MS35207-268	9	35	96906	MS90727-5	2	94
96906	MS35207-268	10	12	96906	MS90727-7	2	96
96906	MS35207-268	10	44	96906	MS91528-2P48	5	4
96906	MS35207-268	10	68	81349	MS086/2-10-9	BULK	
96906	MS35207-268	17	6	81349	MS086/2-12-9	BULK	
96906	MS35207-268	17	5	81349	MS086/2-14-9	BULK	
96906	MS35207-268	17	12	80205	NAS1031-A3	4	72
96906	MS35207-268	17	16	80205	NAS1031-A3	10	77
96906	MS35207-269	9	5	80205	NAS1031-A3	10	82
96906	MS35207-281	9	24	80205	NAS1031-A4	2	59
96906	MS35207-281	9	42	80205	NAS1031A-3	9	55
96906	MS35207-281	9	44	80205	NAS1031A3	6	4
96906	MS35207-285	9	21	80205	NAS1032A04	4	77
96906	MS35207-285	9	35	80205	NAS1329506KB75	2	71
96906	MS35333-40	4	13	80205	NAS1329508KB120	2	102
96906	MS35335-35	5	14	80205	NAS1329508KB75	2	70
96906	MS35338-22	7	11	80205	NAS1523008F	2	67
96906	MS35338-40	2	40	80205	NAS152303F	4	57
96906	MS35338-40	2	55	80205	NAS152303F	10	74
96906	MS35338-40	6	1	80205	NAS152303F	10	79
96906	MS35338-40	7	17	80205	NAS152304F	4	17
96906	MS35338-40	13	14	93781	0B234-15	11	14
96906	MS35338-41	4	24	93781	0B234-15	12	14
96906	MS35338-41	4	38	93781	0B235-7	11	16
96906	MS35338-41	8	7	93781	0B235-7	12	16
96906	MS35338-41	10	7	93781	0B241-1	12	17
96906	MS35338-42	2	85	93781	0B241-2	11	11
96906	MS35338-42			93781	0B241-2	12	11

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FSCM	PART NUMBER	FIGURE ITEM		FSCM	PART NUMBER	FIGURE ITEM	
		NO.	NC.			NO.	NC.
93781	OB3-141	11	8	97450	13211E8376-1	10	47
93781	OB3-141	12	8	97403	13211E8376-3	9	2
93781	OB3-27	11	9	97403	13211E8376-3	10	30
93781	OB3-27	12	9	97403	13211E8376-5	14	13
93781	P45-11	11	15	97403	13211E8376-8	9	6
93781	P45-11	12	15	97403	13211E8382	4	75
81348	QQ-8-5758-R-32-T-500	BULK		97403	13211E8386	2	3
81349	KCR32GF274JR	5	16	97403	13211E8386	2	11
81349	RR-W-360ATY1CLIFINAL 1 LUMES4X4	BULK		97403	13211E8386	2	45
81343	SAE 20R3 CLASS KGRADE 1A	BULK		97403	13211E8386	2	92
81343	SAE-J513	10	92	97403	13211E8394-1	10	64
41947	W-1715	10	88	97403	13211E8404	8	10
41947	W-1715	10	93	97403	13211E8406	9	26
41947	W-1717	10	90	97403	13211E8406	9	46
41947	W-1720	10	89	97403	13211E8410	2	30
93781	OB241-1	11	17	97403	13211E8410	2	38
64731	01-006424-025	15	4	97403	13211E8411	2	29
07639	01-009648-005	15	8	97403	13211E8411	2	37
12881	01-0401-0888	BULK		97403	13211E8412	2	28
10855	IRG4076C	7	12	97403	13211E8412	2	36
10855	IRG5212C	7	14	97403	13213E0636	4	52
97403	13211E3784	4	64	97403	13214E0696-3	11	6
97403	13211E3785	4	59	97403	13214E0696-3	12	6
97403	13211E3793-5	7	7	97403	13214E3411-3	9	30
97403	13211E3799-1	10	17	97403	13214E3411-3	10	18
97403	13211E3799-3	9	13	97403	13214E3416	13	1
97403	13211E3799-3	9	16	97403	13214E3416-1	13	3
97403	13211E3800	10	41	97403	13214E3471-2	2	61
97403	13211E3802	14	12	97403	13214E3471-5	2	42
97403	13211E3895-14	2	101	97403	13214E3471-5	2	57
97403	13211E4043-12	9	34	97403	13214E3471-5	3	10
97403	13211E4043-20	10	53	97403	13214E3647-2	1	4
97403	13211E4043-7	9	18	97403	13214E3652	4	68
97403	13211E8166	7	1	97403	13214E3685-2	4	28
97403	13211E8169	7	4	97403	13214E3728-16	15	1
97403	13211E8170	7	3	97403	13214E3744V3	13	2
97403	13211E8177	2	110	97403	13214E3744V34	2	17
97403	13211E8183	2	86	97403	13214E3744W5	4	11
97403	13211E8191	2	118	97403	13214E3744W5	4	15
97403	13211E8210	2	4	97403	13214E3762	5	27
97403	13211E8215	1	14	97403	13214E3785-1	9	1
97450	13211E8216	1	18	97403	13214E3791-2	2	80
97403	13211E8218	10	23	97403	13214E3793	9	27
97403	13211E8221	14	2	97403	13214E3811	4	63
97403	13211E8222	5	3	97403	13214E3818-6	4	27
97403	13211E8224	2	15	97403	13214E3971	11	7
97403	13211E8227	13	6	97403	13214E3971	12	7
97403	13211E8233	10	63	97403	13214E3986-5	10	100
97403	13211E8242	10	24	97403	13214E4224-5	14	1
97403	13211E8245	10	22	97403	13214E4224-6	12	1
97403	13211E8255	10	25	97403	13214E4309	8	9
97403	13211E8265	13	10	97403	13215E9822	4	26
97403	13211E8268	5	34	97403	13215E9823	2	91
97403	13211E8300-1	14	16	97403	13215E9824-1	14	23
97403	13211E8300-2	14	22	97403	13215E9825-1	2	142
97403	13211E8301-1	5	12	97403	13215E9827	10	75
97403	13211E8305	2	115	97403	13215E9832	2	49
97403	13211E8319	2	114	97403	13215E9833	9	47
97403	13211E8322	2	116	97403	13215E9836	10	72
97403	13211E8323	2	22	97403	13215E9837	9	56
97403	13211E8323	2	24	97403	13215E9839	10	65
97403	13211E8327-2	2	82	97450	13215E9844	1	10
97403	13211E8337	2	18	97403	13215E9847	1	7
97403	13211E8337	4	12	97450	13215E9851	3	12
97403	13211E8337	4	16	97403	13215E9852	1	8
97403	13211E8337	13	4	97403	13215E9853	5	30
97403	13211E8348	14	7	97403	13215E9853-6	5	36
97403	13211E8353-1	13	5	97403	13215E9853-7	5	37
97403	13211E8356	14	18	97403	13215E9853-9	5	38
97403	13211E8369	9	31	97403	13215E9854	2	1
97403	13211E8370	10	52	97403	13215E9854/2	2	5
97403	13211E8370	10	94	97403	13215E9854/3	2	6
97403	13211E8376-1	9	10	97403	13215E9855	10	91
97403	13211E8376-1	9	36	97403	13215E9855-106	9	12
97403	13211E8376-1	10	13	97403	13215E9855-118	9	32
97403	13211E8376-1	10	67	97403	13215E9855-123	9	38
97403	13211E8376-1	17	7	97403	13215E9855-172	9	48
97403	13211E8376-1	17	10	97403	13215E9855-172	9	49
97403	13211E8376-1	17	13	97403	13215E9855-184	9	33
97403	13211E8376-1	17	17	97403	13215E9855-78	9	19

## SECTION IV

## NATIONAL STOCK NUMBER AND PART NUMBER INDEX

TM 5-412(-344-24P

FSCM	PART NUMBER	FIGURE ITEM		FSCM	PART NUMBER	FIGURE ITEM	
		NO.	NO.			NO.	NO.
97403	13215E9855-78	9	29	97403	13215E9918	17	20
97403	13215E9855-80	9	17	97403	13215E9918-11	17	33
97403	13215E9855-86	9	8	97403	13215E9918/12	17	31
97403	13215E9855/102	10	10	97403	13215E9918/13	17	32
97403	13215E9855/103	10	27	97403	13215E9919	16	1
97403	13215E9855/104	10	11	97403	13215E9919-3	16	4
97403	13215E9855/105	10	51	97403	13215E9921	4	45
97403	13215E9855/105	10	85	97403	13216E6170-2	10	36
97403	13215E9855/106	10	38	97403	13216E6176-2	10	43
97403	13215E9855/110	10	58	97403	13216E6176-3	10	37
97403	13215E9855/111	10	57	97403	13216E6182-3	4	67
97403	13215E9855/113	10	49	97403	13216E6190-5	10	59
97403	13215E9855/123	10	48	97403	13216E6191-2	4	87
97403	13215E9855/127	10	56	97403	13216E6191-3	4	84
97403	13215E9855/127	10	60	97403	13216E6192	4	85
97403	13215E9855/130	10	15	97403	13216E6201	5	13
97403	13215E9855/131	10	16	97403	13216E6205-4	4	25
97403	13215E9855/132	10	19	97403	13216E7689	4	49
97403	13215E9855/136	10	35	97403	13216E9963-2	10	42
97403	13215E9855/139	10	31	97403	13217E2341	4	21
97403	13215E9855/145	10	50	97403	13217E2342	17	1
97403	13215E9855/149	10	97	97403	13217E2342/3	17	5
97403	13215E9855/150	10	98	97403	13217E2343	2	43
97403	13215E9855/151	10	99	97403	13217E2343/4	2	46
97403	13215E9855/157	10	84	97403	13217E2344	2	7
97403	13215E9855/158	10	54	97403	13217E2346	1	5
97403	13215E9855/182	10	101	97403	13217E2360-2	4	10
97403	13215E9855/219	10	34	97403	13217E2367	4	70
97403	13215E9855/94	10	26	97403	13217E2367-4	4	73
97403	13215E9857	2	9	97403	13217E2368	4	58
97403	13215E9857/3	2	14	97403	13217E6815-3	4	6
97403	13215E9857/12	2	13	97403	13217E6853	2	12
97403	13215E9858	2	63	97403	13217E7603	3	5
97403	13215E9861	8	11	97403	13218E6857	10	83
97403	13215E9861-1	8	13	97403	13218E8492-1	5	2
97403	13215E9862	6	10	97403	13218E8493	5	26
97403	13215E9862-2	6	14	97403	13218E8494	5	7
97403	13215E9862-3	6	13	97403	13218E8495	5	29
97403	13215E9863	2	65	97403	13218E9877	6	3
97403	13215E9864-5	10	55	97403	13218E9878-3	2	74
97403	13215E9865	2	98	97403	13218E9879-2	2	20
97403	13215E9866	4	93	97403	13218E9879-2	2	21
97403	13215E9866-3	4	97	97403	13218E9879-2	2	22
97403	13215E9866-4	4	96	97403	13218E9997-1	2	77
97403	13215E9867	2	90	97403	13218E9997-1	2	78
97403	13215E9868	14	3	97403	13218E9997-1	2	103
97403	13215E9873	2	16	97403	13219E2647	2	79
97403	13215E9873-1	2	19	97403	13219E2647-3	2	83
97403	13215E9878-3	2	53	97403	13219E2648	10	71
97403	13215E9879	4	78	97403	13219E2654	2	109
97403	13215E9879-10	4	92	97403	13219E2655	2	106
97403	13215E9879-11	4	91	97403	13219E2656	2	107
97403	13215E9879-14	4	88	97403	13219E2661	2	104
97403	13215E9879-15	4	89	97403	13219E2662	2	105
97403	13215E9879-9	4	90	97403	13219E2681	2	33
97403	13215E9881	4	46	97403	13219E2681-1	2	34
97403	13215E9881-2	4	48	97403	13219E2682	2	25
97403	13215E9884	13	9	97403	13219E2682-1	2	26
97403	13215E9884/3	13	12	97403	13219E9499-1	10	4
97403	13215E9885	3	1	97403	13219E9540	10	5
97403	13215E9887	9	53	97403	13220E5615-1	4	9
97403	13215E9888	9	52	97403	13220E5616	4	5
97403	13215E9889	10	80	97403	13220E5617	1	20
97403	13215E9892	2	68	97403	13220E5618	6	2
97403	13215E9892/1	2	65	97403	13220E5619	9	45
97403	13215E9892/13	2	76	97403	13221E9273-1	8	14
97403	13215E9892/2	2	75	97403	13221E9273-1	17	34
97403	13215E9892/4	2	72	97403	13222E6260	8	3
97403	13215E9892/5	2	73	10855	2RG5222C	7	22
97403	13215E9893	4	14	93781	3MP25	11	10
97403	13215E9893-1	4	18	93781	3MP25	11	13
97403	13215E9893-2	4	15	93781	3MP25	12	10
97403	13215E9893-2	4	20	93781	3MP25	12	13
97403	13215E9905-5	2	93	10855	JRG51636	7	24
97403	13215E9909-10	2	44	93781	757230	11	12
97403	13215E9909-17	2	2	93781	757230	12	14
97403	13215E9909-17	2	10	10855	8RG50048	7	21
97450	13215E9917	1	16	10855	8RG50078	7	13



**By Order of the Secretary of the Army:**

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*Chief of Staff*

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**DISTRIBUTION:**

To be distributed in accordance with DA Form 12-25C, Organizational Maintenance Requirements for Environmental Equipment Air Conditioners: 18,000 BTU, Floor Mounting.





# RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS

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FROM (PRINT YOUR UNIT'S COMPLETE ADDRESS)

PFC JOHN DOE  
COA, 3d ENGINEER BN  
FT. LEONARD WOOD, MO 63108

DATE SENT

PUBLICATION NUMBER

TM 5-4120-344-24P

PUBLICATION DATE

25 Jun 82

PUBLICATION TITLE Air Conditioner,  
Vertical Compact 18,000 BTU/HR,  
Cooling 12,000 BTU/HR, Heating

BE EXACT PIN-POINT WHERE IT IS

PAGE NO

6

PARA-GRAPH

2-1  
a

FIGURE NO

TABLE NO

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

In line 6 of paragraph 2-1a the manual states the engine has 6 cylinders. The engine on my set only has 4 cylinders. Change the manual to show 4 cylinders.

Callout 16 on figure 4-3 is pointing at a bolt. In key to figure 4-3, item 16 is called a shim - Please correct one or the other.

I ordered a gasket, item 19 on figure B-16 by NSN 2 910-00-762-3001. I got a gasket but it doesn't fit. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

JOHN DOE, PFC (268) 317.7111

SIGN HERE

JOHN DOE

DA FORM 1 JUL 79 2028-2

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OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE \$300

COMMANDER  
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GRAPH

FIGURE  
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TABLE  
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ST, LOUIS, MO 63120

TEAR ALONG PERFORATED LINE



# The Metric System and Equivalents

## Linear Measure

1 centimeter  $\approx$  10 millimeters  $\approx$  .39 inch  
 1 decimeter  $\approx$  10 centimeters  $\approx$  3.94 inches  
 1 meter  $\approx$  10 decimeters  $\approx$  39.37 inches  
 1 dekameter  $\approx$  10 meters  $\approx$  32.8 feet  
 1 hectometer  $\approx$  10 dekameters  $\approx$  328.08 feet  
 1 kilometer  $\approx$  10 hectometers  $\approx$  3,280.8 feet

## Weights

1 centigram  $\approx$  10 milligrams  $\approx$  .15 grain  
 1 decigram  $\approx$  10 centigrams  $\approx$  1.54 grains  
 1 gram  $\approx$  10 decigrams  $\approx$  .035 ounce  
 1 dekagram  $\approx$  10 grams  $\approx$  .35 ounce  
 1 hectogram  $\approx$  10 dekagrams  $\approx$  3.52 ounces  
 1 kilogram  $\approx$  10 hectograms  $\approx$  2.2 pounds  
 1 quintal  $\approx$  100 kilograms  $\approx$  220.46 pounds  
 1 metric ton  $\approx$  10 quintals  $\approx$  1.1 short tons

## Liquid Measure

1 centiliter  $\approx$  10 milliliters  $\approx$  .34 fl. ounce  
 1 deciliter  $\approx$  10 centiliters  $\approx$  3.38 fl. ounces  
 1 liter  $\approx$  10 deciliters  $\approx$  33.8 fl. ounces  
 1 dekaliter  $\approx$  10 liters  $\approx$  2.64 gallons  
 1 hectoliter  $\approx$  10 dekaliters  $\approx$  26.42 gallons  
 1 kiloliter  $\approx$  10 hectoliters  $\approx$  264.18 gallons

## Square Measure

1 sq. centimeter  $\approx$  100 sq. millimeters  $\approx$  .155 sq. inch  
 1 sq. decimeter  $\approx$  100 sq. centimeters  $\approx$  15.5 sq. inches  
 1 sq. meter (centare)  $\approx$  100 sq. decimeters  $\approx$  10.76 sq. feet  
 1 sq. dekameter (are)  $\approx$  100 sq. meters  $\approx$  1,076.4 sq. feet  
 1 sq. hectometer (hectare)  $\approx$  100 sq. dekameters  $\approx$  2.47 acres  
 1 sq. kilometer  $\approx$  100 sq. hectometers  $\approx$  .386 sq. mile

## Cubic Measure

1 cu. centimeter  $\approx$  1000 cu. millimeters  $\approx$  .06 cu. inch  
 1 cu. decimeter  $\approx$  1000 cu. centimeters  $\approx$  61.02 cu. inches  
 1 cu. meter  $\approx$  1000 cu. decimeters  $\approx$  35.31 cu. feet

## Approximate Conversion Factors

To change	To	Multiply by	To change	To	Multiply by
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.316
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

## Temperature (Exact)

$^{\circ}\text{F}$	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	$^{\circ}\text{C}$
--------------------	------------------------	----------------------------	---------------------	--------------------